



## BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

December 12, 2023  
9:00 A.M.

Common Council Chambers  
8040 S. 6<sup>th</sup> Street  
Oak Creek, WI 53154  
(414) 766-7000

Robert Cigale  
Curtis Czarnecki  
Kenneth Gehl  
Chris Guzikowski  
Fredrick Siepert- Alternate  
Lisa Marshall

### The City's Vision

*Oak Creek: A dynamic regional leader, driving the future of the south shore.*

1. Call Meeting to Order.
2. Roll Call.
3. Approval of Minutes – 11/14/2023
4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

### GENERAL GOVERNMENT CAPITAL ASSETS

5. **Motion:** Consider a **motion** to approve the purchase of one Supermicro server in the amount of \$22,000 from CDW.

### PUBLIC WORKS & UTILITIES

6. **Motion:** Consider a **motion** to approve the final payment for the E. Forest Hill Avenue Water Relay project to UPI, LLC in the amount of \$8,552.50. (Project No. 23111) (2<sup>nd</sup> & 6<sup>th</sup> Aldermanic Districts)
7. **Motion:** Consider a **motion** to approve the final payment for the Forest Hill Manor Water Relay project to Willkomm Excavating in the amount of \$18,153.99. (Project No. 22101) (3<sup>rd</sup> & 6<sup>th</sup> Aldermanic Districts)
8. **Motion:** Consider a **motion** to approve progress payment No. 6 for the Howell Avenue Water Relay project to A. W. Oakes & Son Inc in the amount of \$111,200.00. (Project No. 21101) (2<sup>nd</sup> & 6<sup>th</sup> Aldermanic Districts)
9. **Motion:** Consider a **motion** to approve Change Order No. 1 for the Sanitary Rehabilitation 2023 project to Visu-Sewer in the amount of \$6,093.75. (Project No. 23116) (All Aldermanic Districts)
10. **Motion:** Consider a **motion** to approve progress payment No. 1 for the 2023 Sanitary Rehabilitation project to Visu-Sewer Inc in the amount of \$502,206.41. (Project No. 23116) (All Aldermanic Districts)

11. **Motion:** Consider a *motion* to approve progress payment No. 1 for the S. 13<sup>th</sup> Street hydrant relocation project to UPI, LLC in the amount of \$118,543.30. (Project No. 23113) (2<sup>nd</sup> Aldermanic District)
12. **Motion:** Consider a *motion* to approve the purchase of one Robojar automated water sample testing device for \$15,000 from Clear Corporation.
13. **Motion:** Consider a *motion* to approve the purchase of a Ram 2500 from Griffin Auto Group for \$49,290.
14. **Motion:** Consider a *motion* to approve the purchase of Wachs Valve Turning Trailer from Envirotech Equipment in the amount of \$82,395.00.
15. **Motion:** Consider a *motion* to approve the Utility vouchers in the amount of \$1,533,185.97.
16. **Informational:** Administrative and Operations reports.

## TRAFFIC & SAFETY

17. **Motion:** Consider a *motion* to recommend road improvement projects be advertised for public bid for construction in 2024 to the Common Council for approval.

## CLOSED SESSION

18. **Motion:** Consider a *motion* to convene into closed session pursuant to Wisconsin State Statutes Section 19.85 (1) (e) to discuss the Wholesale Water Agreement.

Adjournment.

Dated this 7<sup>th</sup> day of December 2023.

### Public Notice

Upon reasonable notice, a good faith effort will be made to accommodate the needs of disabled individuals through sign language interpreters or other auxiliary aid at no cost to the individual to participate in public meetings. Due to the difficulty in finding interpreters, requests should be made as far in advance as possible, preferably a minimum of 48 hours. For additional information or to request this service, contact the Oak Creek City Clerk at 414-766-7000, by fax at 414-766-7976, or by writing to 8040 S. 6<sup>th</sup> Street, Oak Creek, Wisconsin 53154.

It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may attend the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.



Common Council Chambers  
8040 S. 6<sup>th</sup> Street  
Oak Creek, WI 53154  
(414) 766-7000

Robert Cigale  
Curtis Czarnecki  
Kenneth Gehl  
Chris Guzikowski  
Fredrick Siepert- Alternate  
Lisa Marshall

## BOARD OF PUBLIC WORKS AND CAPITAL ASSETS

November 14, 2023  
9:00 A.M.

### The City's Vision

*Oak Creek: A dynamic regional leader, connected to our community, driving the future of the south shore.*

1. Call Meeting to Order.
2. Roll Call.

All Board Members were present except Alderwoman Marshall who was excused.

Also present: IT Manager Tom Kramer, Utility Engineer Brian Johnston, and City Engineer Matthew Sullivan

3. Approval of Minutes – 10/10/2023

Board Member Czarnecki made a motion to approve the minutes of October 10<sup>th</sup>, 2023. Board Member Cigale seconded the motion. All voted aye except Alderman Gehl and Board Member Siepert, who abstained. Motion carried.

4. **Informational:** Review of Common Council actions related to Public Works & Capital Assets.

None.

### GENERAL GOVERNMENT CAPITAL ASSETS

5. **Motion:** Consider a motion to approve the purchase of one phone server in the amount of \$13,366.84 from CDW.

IT Manager Tom Kramer presented to the Board that the current phone server is past its life span and the vendor no longer supports the software. The IT Department is looking to replace the server for the Police Department this year, and for City Hall in 2024.

Board Member Siepert made a motion to approve the purchase of one phone server in the amount of \$13,366.84 from CDW. Alderman Gehl seconded the motion. All voted aye, motion carried.

### PUBLIC WORKS & UTILITIES

6. **Motion:** Consider a motion to approve the 2024 Capital Budget for the Oak Creek Water and Sewer Utility.

Utility Engineer Brian Johnston presented the 2024 Capital Budget for the Oak Creek Water and Sewer Utility.

First, Johnston presented the need for replacement residential water meters, then a replacement Utility pickup truck. Alderman Gehl asked Brian Johnston if Water Utility owns all of the vehicles, Johnston replied yes, they do.

Johnston continued to present on each line item in the budget.

Alderman Gehl asked how often the sewer inspection equipment truck is used, Johnston replied that it is used on a daily basis. Board Member Siepert asks what Water & Sewer Utility plans on doing with the old sewer camera equipment. Johnston replies that it will be sold at auction.

Regarding the ask for a vac trailer and valve turner, Alderman Guzikowski asks if there will be any training needed and how long it would take to train staff. Johnston replies that there would be minimal training in order to prevent destruction of current valves.

Regarding the purchase of a Robojar Coagulant Optimization Tool, Board Member Cigale asks if the equipment is a stand-alone unit. Johnston replies yes, it is a stand-alone unit, measuring at about a foot by a foot.

Alderman Gehl's questions regarding the Abendschein Park water main looping project were inaudible. Board Member Siepert asks if there is any cost for a developer, Johnston replies no, there is no cost for a developer. Alderman Gehl's questions regarding the S. Clement Avenue 6" force main relay was inaudible. Utility Engineer Johnston replied no, the project cannot be complete without taking the system out of service.

Regarding the S. Shepard Avenue water relay, Board Member Czarnecki asks Brain Johnston if the project would be completed while school is out of session, due to its effect on the water supply for Edgewood Elementary School. Utility Engineer Johnston replies, yes that is the plan. Alderman Gehl asks if this work will be completed on the road. Johnston replies, yes, it will be in the road.

Conversation regarding the water valve rehabilitation project was inaudible.

Board Member Siepert asks Utility Engineer Johnston why the PSC needs to approve the HVAC replacement at the Water Treatment Plant. Johnston replies that the PSC needs to approve everything over the \$470,000 limit, and it is part of the maintenance operations which triggers the involvement of the PSC.

Board Members had the opportunity to ask final questions regarding the 2024 Capital Budget.

Alderman Gehl made a motion to approve the 2024 Capital Budget for Oak Creek Water and Sewer Utility. Board Member Czarnecki seconded the motion. All voted in favor, motion carried.

7. **Motion:** Consider a *motion* to approve Utility vouchers for payment in the amount of \$951,738.01.

Board Member Cigale moved to approve the Utility vouchers for payment in the amount of \$951,738.01. Board Member Siepert seconded the motion. All voted in favor, motion carried.

8. **Informational:** Administrative and Operations reports.

Alderman Gehl explained to the board that a new PTO policy was approved by the City.

## TRAFFIC & SAFETY

None.

Adjournment.

Alderman Gehl made a motion to adjourn the meeting at 9:42 a.m. Board member Czarnicki seconded the motion. All voted aye, motion carried.

### Public Notice

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It is possible that members of and possibly a quorum of members of other governmental bodies of the municipality may attend the above-stated meeting to gather information; no action will be taken by any governmental body at the above-stated meeting other than the governmental body specifically referred to above in this notice.

## STAFF REPORT

**Item:** Purchase of server for backup infrastructure

**Recommendation:** That the board consider a motion to approve the purchase of one Supermicro server in the amount of \$22,000 from CDW.

**Fiscal Impact:** This equipment would be funded with the 2024 CIP Backup Infrastructure replacement budget. Equipment would not be received or billed until 2024.

**Critical Success Factor(s):**

- Vibrant and Diverse Cultural Opportunities
- Thoughtful Development and Prosperous Economy
- Safe, Welcoming, and Engaged Community
- Inspired, Aligned, and Proactive City Leadership
- Financial Stability
- Quality Infrastructure, Amenities, and Services
- Not Applicable

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**Background:** The current backup servers are limited in what they can do and the amount of storage that they have. The City has outgrown the current units and as they are at the end of their contract, it is in our best interest to replace it with a more robust system. The new system will be able to backup at a much faster rate and able to replicate the data more efficiently.

**Options/Alternatives:** 1. We can right-size the current vendors backup solution which would cost up to five times the proposed solution. 2. We can continue to operate the current backup servers until failure by severely limiting our retention periods.

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Respectfully submitted:



Andrew J. Vickers, MPA  
City Administrator

Prepared:

Thomas Kramer  
IT Manager

Fiscal Review:

Approved:

Indiv  
Title

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Attachments: Quote: CDW



Thank you for choosing CDW. We have received your quote.

Hardware Software Services IT Solutions Brands Research Hub

# QUOTE CONFIRMATION

**THOMAS KRAMER,**

Thank you for considering CDW•G for your technology needs. The details of your quote are below. **If you are an eProcurement or single sign on customer, please log into your system to access the CDW site.** You can search for your quote to retrieve and transfer back into your system for processing.

For all other customers, click below to convert your quote to an order.

**Convert Quote to Order**

<b>ACCOUNT MANAGER NOTES:</b>	<p>Thank you. Have a great day!</p> <p>Adam Flynn Executive Account Manager 866-723-3621 adamfly@cdwg.com</p>
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QUOTE #	QUOTE DATE	QUOTE REFERENCE	CUSTOMER #	GRAND TOTAL
NQXN813	12/4/2023	SUPERMICRO	3903333	\$22,000.00

### QUOTE DETAILS

ITEM	QTY	CDW#	UNIT PRICE	EXT. PRICE
<a href="#">SUPERMICRO CUST 2X4314 16X32GB</a>	1	7734998	\$22,000.00	\$22,000.00

Mfg. Part#: CDW120123-8211

- \*\*
- Qty 1 Ultra 2U, 24x2.5" NVMe, X12DPU-6, 219U3TS-R1K62P-T
- Qty 2 CX 4314 2P 16C/32T 2.4G 24M 10.4GT 135W 4189 M1
- Qty 1 4 YRS EXT. WRNTY AFTER FIRST YR (SYSTEM ASSEMB. ORDER)
- Qty 16 32GB DDR4-3200 2Rx4 RDIMM
- Qty 2 SSD 2.5" NVMe PCIe4 960GB 1DWPD TLC D, SED/TCG 7mm
- Qty 10 SSD 2.5" NVMe PCIe4 15.3TB 1DWPD TLC D, SED/TCG 7mm
- Qty 1 2U Ultra Riser with 2-port 10G RJ45 & 2-port 10GSFP+Intel
- Qty 1 AOM-TPM-9670V-S-FIPS TPM 2.0 support TAA and FIPS,RoHS
- Qty 12 Gen 3 2.5-inch Tool-less NVMe drive tray (clip design),RoHS
- Qty 1 Ultra I/O bracket for SC829U, 219U (2x RJ45 + 2x SFP),RoHS
- Qty 2 2-Port Retimer, x8 PCIe Gen 4, Low Profile AOC, RoHS
- Qty 2 4-Port Retimer, x16 PCIe Gen 4,RoHS
- Qty 1 22 NVMe Cables Kit for X12 Ultra 220U-TNR w/NIC UIO,RoHS
- Qty 1 SMC Wired Keyboard(KB-196)Mouse(MS-196)Combo, REG USA
- Qty 1 Intel VROC Premium

**QUOTE DETAILS (CONT.)**

RAID0,1,5,10

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Contract: Wisconsin Counties Association

<b>SUBTOTAL</b>	\$22,000.00
<b>SHIPPING</b>	\$0.00
<b>SALES TAX</b>	\$0.00
<b>GRAND TOTAL</b>	<b>\$22,000.00</b>

**PURCHASER BILLING INFO**

**Billing Address:**  
 THOMAS KRAMER  
 CITY OF OAK CREEK  
 8040 S 6TH ST  
 OAK CREEK, WI 53154-2313  
**Phone:** (414) 766-7046  
**Payment Terms:** VISA

**DELIVER TO**

**Shipping Address:**  
 CITY OF OAK CREEK  
 THOMAS KRAMER  
 8040 S 6TH ST  
 OAK CREEK, WI 53154-2313  
**Shipping Method:** DROP SHIP-GROUND

**Please remit payments to:**

CDW Government  
 75 Remittance Drive  
 Suite 1515  
 Chicago, IL 60675-1515



**Sales Contact Info**

**Adam Flynn** | (866) 723-3621 | [adamfly@cdwg.com](mailto:adamfly@cdwg.com)

**Need Help?**



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Support



Call 800.800.4239

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This order is subject to CDW's Terms and Conditions of Sales and Service Projects at  
<http://www.cdwg.com/content/terms-conditions/product-sales.aspx>

For more information, contact a CDW account manager.

© 2023 CDW•G LLC, 200 N. Milwaukee Avenue, Vernon Hills, IL 60061 | 800.808.4239



Pricing Proposal  
 Quotation #: 24245330  
 Created On: 12/5/2023  
 Valid Until: 12/29/2023

## WI-City of Oak Creek

### Thomas Kramer

8040 6th Street  
 Oak Creek, WI 53154  
 United States  
 Phone:  
 Fax:  
 Email: tkramer@oakcreekwi.org

## Inside Account Executive

### Steve Squires

290 Davidson Ave.  
 Somerset, NJ 08873  
 Phone: 888-764-888  
 Fax: 732-564-8553  
 Email: Steve\_Squires@SHI.com

All Prices are in US Dollar (USD)

Product	Qty	Your Price	Total
1 OPTIMIZED Ultra 2U, 24x2.5" NVMe, X12DPU-6, Super Micro Computer - Part#: 220U-TNR-OTO-18 Contract Name: Open Market Contract #: Open Market	1	\$21,896.00	\$21,896.00
		Shipping	\$250.00
		Total	\$22,146.00

### Additional Comments

Please note, if Emergency Connectivity Funds (ECF) will be used to pay for all or part of this quote, please let us know as we will need to ensure compliance with the funding program.

Hardware items on this quote may be updated to reflect changes due to industry wide constraints and fluctuations.

Thank you for choosing SHI International Corp! The pricing offered on this quote proposal is valid through the expiration date listed above. To ensure the best level of service, please provide End User Name, Phone Number, Email Address and applicable Contract Number when submitting a Purchase Order. For any additional information including Hardware, Software and Services Contracts, please contact an SHI Inside Sales Representative at (888) 744-4084.

SHI International Corp. is 100% Minority Owned, Woman Owned Business.  
 TAX ID# 22-3009648; DUNS# 61-1429481; CCR# 61-243957G; CAGE 1HTF0

The products offered under this proposal are Open Market and resold in accordance with the terms and conditions at [SHI Online Customer Resale Terms and Conditions](#).

## STAFF REPORT

**Item:** Final Payment for the E. Forest Hill Avenue Water Relay Project

**Recommendation:** That the Board considers a motion to approve the final payment for the E. Forest Hill Avenue Water Relay project to UPI, LLC in the amount of \$8,552.50. (Project No. 23111)(2<sup>nd</sup> & 6<sup>th</sup> Aldermanic Districts)

**Fiscal Impact:** This project is part of the 2023 Capital Improvement Project Budget

**Critical Success Factor(s):**

- Active, Vibrant, and Engaged Community
- Financial Stability and Resiliency
- Thoughtful Growth and Prosperous Local Economy
- Clean, Safe, and Welcoming
- Inspired, Aligned, and Proactive City Organization
- Quality Infrastructure, Amenities, and Services
- Not Applicable

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**Background:** This project replaced the existing 605 LF of 8-inch 1963 cast iron pipe with an 8-inch PVC main. We have had 5 breaks on this main over the years and the project will impact 9 homes and 1 business. This work removed the old cast iron pipe from the middle of two other main relay projects that installed PVC main. The project was completed under the bid amount.

**Options/Alternatives:** None

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Respectfully submitted:

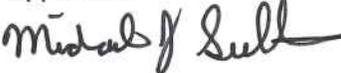
Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:  
  
Kristina Strmsek  
Assistant Comptroller

Prepared:

  
Brian L. Johnston, PE  
Utility Engineer

Approved:

  
Michael J. Sullivan, PE  
General Manager

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Attachments: 23111 E. Forest Hill Avenue Water Relay Final Payment

**OAK CREEK WATER AND SEWER UTILITY  
FINAL PAYMENT REPORT**

PROJECT NO. 23111 - E Forest Hill Ave Water Relay

				UPI, Inc. 2180 S. Springdale Road New Berlin, WI 53146		Partial Payment No. 1 October 10, 2023		Final Payment December 12, 2023		PROJECT TOTAL	
Item No.	Item Description	Bid Quantity		Unit Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	8" DIA. WATER MAIN	476	LF	\$242.00	\$115,192.00	476.0	\$115,192.00	0.0	\$0.00	476.0	\$115,192.00
2	6" DIA. WATER MAIN & HYDRANT LEAD	23	LF	\$128.00	\$2,944.00	24.5	\$3,136.00	0.0	\$0.00	24.5	\$3,136.00
3	3/4" DIA. WATER SERVICE	33	LF	\$135.00	\$4,455.00	20.0	\$2,700.00	0.0	\$0.00	20.0	\$2,700.00
4	HYDRANT	1	EA	\$5,621.00	\$5,621.00	1.0	\$5,621.00	0.0	\$0.00	1.0	\$5,621.00
5	8" GATE VALVE & BOX	1	EA	\$2,745.00	\$2,745.00	1.0	\$2,745.00	0.0	\$0.00	1.0	\$2,745.00
6	6" GATE VALVE & BOX	1	EA	\$2,086.00	\$2,086.00	1.0	\$2,086.00	0.0	\$0.00	1.0	\$2,086.00
7	3/4" CORPORATION STOP	4	EA	\$463.00	\$1,852.00	4.0	\$1,852.00	0.0	\$0.00	4.0	\$1,852.00
8	1" CORPORATION STOP	5	EA	\$521.00	\$2,605.00	5.0	\$2,605.00	0.0	\$0.00	5.0	\$2,605.00
9	VALVE ABANDONMENT	3	EA	\$510.00	\$1,530.00	3.0	\$1,530.00	0.0	\$0.00	3.0	\$1,530.00
10	HYDRANT REMOVAL	1	EA	\$660.00	\$660.00	1.0	\$660.00	0.0	\$0.00	1.0	\$660.00
11	INLET PROTECTION, TYPE D-M	4	EA	\$165.00	\$660.00	4.0	\$660.00	0.0	\$0.00	4.0	\$660.00
12	SLOPE INTERRUPTION DEVICE (WATTLES)	12	EA	\$100.00	\$1,200.00	6.0	\$600.00	0.0	\$0.00	6.0	\$600.00
13	TRAFFIC CONTROL	1	LS	\$9,550.00	\$9,550.00	0.5	\$4,775.00	0.5	\$4,775.00	1.0	\$9,550.00
<b>TOTAL ITEMS 1-16 (inclusive)</b>					<b>\$151,100.00</b>		<b>\$144,162.00</b>		<b>\$4,775.00</b>		<b>\$148,937.00</b>

Sub-Total Completed To Date	\$148,937.00
Less Allowance for testing and approval	0% \$0.00
Less Retainage (5% to 50% complete)	0% \$0.00
<b>Total</b>	<b>\$148,937.00</b>
Less Previous Payments	\$140,384.50
<b>TOTAL PAYMENT DUE THIS PERIOD</b>	<b>\$8,552.50</b>

Recommended for Commission Approval by: *B. L. J. [Signature]* Date: 12-4-23

**AFFIDAVIT OF COMPLIANCE  
WITH SECTION 66.0903, WISCONSIN STATUTES**

*TO BE EXECUTED BY CONTRACTOR AND FILED WITH  
THE OAK CREEK WATER & SEWER UTILITY BEFORE FINAL PAYMENT IS MADE*

STATE OF WISCONSIN)

)SS.

MILWAUKEE COUNTY)

Jan Dretzka being first duly sworn, on oath  
(Print Name)

deposes and says:

1. That he / she is the UPI  
(Owner, Partner, or Sole Trader, or if a Corporation, Title)  
of UPI, LLC hereinafter referred to as the contractor.
2. That the Contractor has a contract with the Oak Creek Water and Sewer Utility for the installation of Forest Hill Avenue Water Relay, Project No. 23111, said contract being dated May 23, 2023.
3. That the Contractor has fully complied with all the provisions of Section 66.0903, Wisconsin Statutes.
4. That the Contractor has received evidence of with said Section 66.0903, Wisconsin Statutes from each of his agents and subcontractors, if any.

[Signature]  
(Signature)

11/29/23  
(Date)

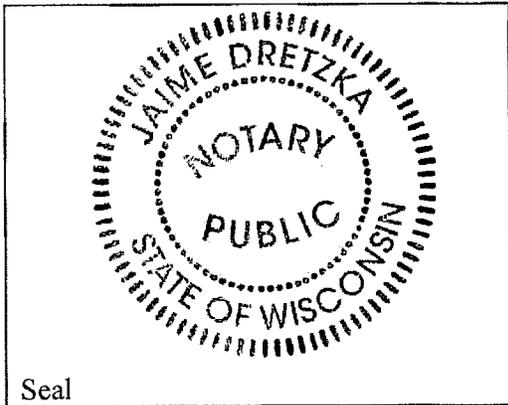
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**NOTARY PUBLIC**

Subscribed and sworn to before me on this 29<sup>th</sup> day of November, 2023.

[Signature]  
(Signature)

My commission expires:  
8-9-26



## STAFF REPORT

**Item:** Final payment for the Forest Hill Manor Water Relay project

**Recommendation:** That the Board considers a motion to approve the final payment for the Forest Hill Manor Water Relay project to Willkomm Excavating in the amount of \$18,153.99. (Project No. 22101)(3<sup>rd</sup> & 6<sup>th</sup> Aldermanic Districts)

**Fiscal Impact:** This project is part of the 2022 Capital Improvement Project Budget

**Critical Success Factor(s):**

- Vibrant and Diverse Cultural Opportunities
- Thoughtful Development and Prosperous Economy
- Safe, Welcoming, and Engaged Community
- Inspired, Aligned, and Proactive City Leadership
- Financial Stability
- Quality Infrastructure, Amenities, and Services
- Not Applicable

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**Background:** This project will replace the existing 2,250 LF of 1960 6-inch cast iron pipe with 8-inch PVC main and 290 LF of 8-inch 1962 cast iron main with 8-inch PVC main. There have been 31 breaks on this section of main over the years. This project will impact 41 homes. This main was indicated in the water master plan to be replaced. Willkomm has completed the installation of the main and all of the laterals are connected to the new main. There were two main breaks that we included the pavement restoration in with this project. This required an additional 30 LF of curb and gutter and 35 Tons of asphalt and 16 SY of asphalt removal. The total for the main break pavement restoration was \$6,426. The Utility also split the cost of the road resurfacing with the City as part of the annual paving contract. The surface asphalt accounted for \$41,955 to the project. The City reimbursement is not calculated into the project payment report. This was paid separately to the City. It was a win-win for the asphalt surface replacement. The tonnage unit price was lower with the annual paving prices for the Utility and the residents got a road that looks better than before the utility project started. The project was 11.9% over bid amount. Of this overage 9% or 66, 634 was related to the asphalt road replacement.

**Options/Alternatives:**

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Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:

  
Kristina Strmsek  
Assistant Comptroller

Prepared:

  
Brian L. Johnston, PE  
Utility Engineer

Approved:

  
Michael J. Sullivan, PE  
General Manager

**OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT**

PROJECT NO. 22101 - Forest Hill Manor Water Main Extension

Item No.	Item Description	Bid Quantity	Willkomm Excavating & Grading, Inc. 17108 County Line Rd. Union Grove, WI 53182		Partial Payment No. 1 April 11, 2023		Partial Payment No. 2 May 9, 2023		Partial Payment No. 3 June 13, 2023		Final Payment December 12, 2023		PROJECT TOTAL	
			Unit Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	8" DIA. WATER MAIN- OPEN CUT	1,612 LF	\$144.00	\$232,128.00	1542.0	\$222,048.00	44.00	\$6,336.00	20.00	\$2,880.00	0.00	\$0.00	1,606.0	\$231,284.00
2	8" DIA. WATER MAIN- DIRECTIONALLY DRILL	878 LF	\$190.00	\$166,820.00	934.0	\$177,460.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	934.0	\$177,460.00
3	6" DIA. HYDRANT LEAD	177 LF	\$105.00	\$18,585.00	151.0	\$15,855.00	0.00	\$0.00	31.00	\$3,255.00	0.00	\$0.00	182.0	\$19,110.00
4	3/4" DIA. WATER SERVICE	623 LF	\$145.00	\$90,335.00		\$0.00	659.00	\$95,555.00	0.00	\$0.00	0.00	\$0.00	659.0	\$95,555.00
5	HYDRANT	8 EA	\$7,603.00	\$60,824.00	7.0	\$53,221.00	1.00	\$7,603.00	0.00	\$0.00	0.00	\$0.00	8.0	\$60,824.00
6	8" GATE VALVE & BOX	10 EA	\$2,627.00	\$26,270.00	9.0	\$23,643.00	1.00	\$2,627.00	0.00	\$0.00	0.00	\$0.00	10.0	\$26,270.00
7	6" GATE VALVE & BOX	8 EA	\$1,635.00	\$13,080.00	6.0	\$9,810.00	2.00	\$3,270.00	0.00	\$0.00	0.00	\$0.00	8.0	\$13,080.00
8	VALVE REMOVAL	14 EA	\$370.00	\$5,180.00	0.0	\$0.00	14.00	\$5,180.00	0.00	\$0.00	0.00	\$0.00	14.0	\$5,180.00
9	HYDRANT REMOVAL	5 EA	\$803.00	\$4,015.00	0.0	\$0.00	5.00	\$4,015.00	0.00	\$0.00	0.00	\$0.00	5.0	\$4,015.00
10	CURB & GUTTER REMOVAL AND REPLACEMENT	450 LF	\$49.00	\$22,050.00	0.0	\$0.00	0.00	\$0.00	570.00	\$27,930.00	0.00	\$0.00	570.0	\$27,930.00
11	ASPHALT PAVEMENT REMOVAL	1,069 SY	\$3.50	\$3,741.50		\$0.00	1069.00	\$3,741.50	651.00	\$2,278.50	0.00	\$0.00	1,720.0	\$6,020.00
12	ASPHALT BINDER PAVEMENT 3 LT 58-28- S	275 TON	\$140.00	\$38,500.00	0.0	\$0.00	0.00	\$0.00	435.00	\$60,900.00	0.00	\$0.00	435.0	\$60,900.00
13	EROSION CONTROL	1 LS	\$2,550.00	\$2,550.00	0.5	\$1,275.00	0.25	\$637.50	0.25	\$637.50	0.00	\$0.00	1.0	\$2,550.00
14	CONCRETE DRIVEWAY REMOVAL AND REPLACEMENT (5-INCH)	44 SY	\$61.00	\$2,684.00		\$0.00	0.00	\$0.00	15.60	\$951.60	0.00	\$0.00	15.6	\$951.60
15	TRAFFIC CONTROL	1 LS	\$13,550.00	\$13,550.00	0.5	\$6,775.00	0.25	\$3,387.50	0.25	\$3,387.50	0.00	\$0.00	1.0	\$13,550.00
16	TURF RESTORATION (SOD)	1 LS	\$25,847.00	\$25,847.00		\$0.00	0.00	\$0.00	1.00	\$25,847.00	0.00	\$0.00	1.0	\$25,847.00
<b>TOTAL ITEMS 1-16 (Inclusive)</b>				<b>\$726,159.50</b>		<b>\$510,087.00</b>		<b>\$132,352.60</b>		<b>\$128,067.10</b>				<b>\$770,506.60</b>
Sub-Total Completed To Date													\$770,506.60	
Less Allowance for testing and approval													0%	\$0.00
Less Retainage (5% to 50% complete)													0%	\$0.00
Total													\$770,506.60	
Less Previous Payments													\$752,352.61	
<b>TOTAL PAYMENT DUE THIS PERIOD</b>													<b>\$18,153.99</b>	

Recommended for Commission Approval by: *Ben Z JLB* Date: 12-4-23

**AFFIDAVIT OF COMPLIANCE  
WITH SECTION 66.0903, WISCONSIN STATUTES**

*TO BE EXECUTED BY CONTRACTOR AND FILED WITH  
THE OAK CREEK WATER & SEWER UTILITY BEFORE FINAL PAYMENT IS MADE*

STATE OF WISCONSIN)

)SS.

MILWAUKEE COUNTY)

Nicholas A Willkomm, being first dully sworn, on oath  
(Print Name)

deposes and says:

1. That he / she is the President  
(Owner, Partner, or Sole Trader, or if a Corporation, Title)  
of Willkomm Excavating & Grading, Inc. hereinafter referred to as the contractor.
2. That the Contractor has a contract with the Oak Creek Water and Sewer Utility for the installation of Forest Hill Manor Water Relay, Project No. 22101, said contract being dated November 11, 2022.
3. That the Contractor has fully complied with all the provisions of Section 66.0903, Wisconsin Statutes.
4. That the Contractor has received evidence of with said Section 66.0903, Wisconsin Statutes from each of his agents and subcontractors, if any.

*Nicholas A. Willkomm*  
(Signature)

11/22/2023  
(Date)

\*\*\*\*\*    \*\*\*\*\*    \*\*\*\*\*    \*\*\*\*\*    \*\*\*\*\*    \*\*\*\*\*    \*\*\*\*\*

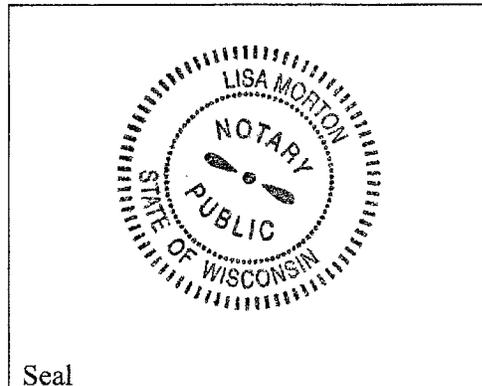
**NOTARY PUBLIC**

Subscribed and sworn to before me on this 23rd day of November, 2023.

*Lisa Morton*  
(Signature)

My commission expires:

05/15/2024



## STAFF REPORT

**Item:** Progress payment No. 6 for the Howell Avenue Water Relay project

**Recommendation:** That the Board considers a motion to approve progress payment No. 6 for the Howell Avenue Water Relay project to A. W. Oakes & Son Inc in the amount of \$111,200.00. (Project No. 21101)(2<sup>nd</sup> & 6<sup>th</sup> Aldermanic Districts)

**Fiscal Impact:** This project is part of the 2021 Capital Improvement Project Budget

**Critical Success Factor(s):**

- Vibrant and Diverse Cultural Opportunities
- Thoughtful Development and Prosperous Economy
- Safe, Welcoming, and Engaged Community
- Inspired, Aligned, and Proactive City Leadership
- Financial Stability
- Quality Infrastructure, Amenities, and Services
- Not Applicable

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**Background:** The project includes directional boring approximately 3,400 LF of 12" water main in S. Howell Avenue from E. Groveland Avenue to 525 feet north of E. Susan Drive. This project will relay the existing 1956 cast iron water main. We have had roughly 40 breaks on this section of main over the years. The proposed alignment will run in the curb lane of Howell Avenue. This will be helpful in the future to be outside of the travel lane. The current main is in the left lane of the northbound traffic. This is a high priority main for replacement per the water master plan. The water main is in service and all of the services are connected to the new main.

**Options/Alternatives:**

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Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

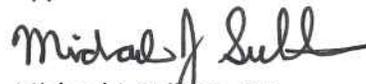
Fiscal Review:

  
Kristina Strmsek  
Assistant Comptroller

Prepared:

  
Brian L. Johnston, PE  
Utility Engineer

Approved:

  
Michael J. Sullivan, PE  
General Manager

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Attachments: 21101 Howell Avenue Water Relay Progress Payment No. 6

**OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT**

PROJECT NO. 21101 - S. Howell Avenue Water Main Relay

Item No.	Item Description	Bid Quantity	LF	A. W. Oakes & Son Inc Oakes Rd. Racine, WI 53406		Partial Payment No. 1 May 9, 2023		Partial Payment No. 2 June 13, 2023		Partial Payment No. 3 July 11, 2023		Partial Payment No. 4 August 8, 2023		Partial Payment No. 5 September 14, 2023		Partial Payment No. 6 December 12, 2023		PROJECT TOTAL	
				Unit Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	12" DIA. WATER MAIN (SLURRY BACKFILL)	330	LF	\$530.00	\$174,900.00	33.60	\$17,808.00	58.00	\$30,740.00	125.50	\$66,515.00	162.00	\$85,860.00	80.20	\$42,506.00	0.00	\$0.00	459.30	\$243,429.00
2	12" DIA. WATER MAIN (GRANULAR BACKFILL)	71	LF	\$930.00	\$66,030.00	18.00	\$16,740.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	18.00	\$16,740.00
3	12" DIA. WATER MAIN (HDD)	3,446	LF	\$185.00	\$637,510.00	1728.50	\$319,772.50	1640.00	\$303,400.00	-9.00	-\$1,665.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	3359.50	\$621,507.50
4	8" DIA. WATER MAIN & SERVICE (SLURRY BACKFILL)	195	LF	\$495.00	\$96,525.00	25.50	\$13,117.50	30.50	\$15,097.50	78.00	\$38,610.00	0.00	\$0.00	65.00	\$32,175.00	0.00	\$0.00	200.00	\$98,000.00
5	8" DIA. WATER MAIN & SERVICE (GRANULAR BACKFILL)	151	LF	\$425.00	\$64,175.00	64.00	\$27,200.00	13.00	\$5,525.00	41.00	\$17,425.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	118.00	\$50,150.00
6	6" DIA. WATER MAIN & SERVICE (SLURRY BACKFILL)	147	LF	\$390.00	\$57,330.00	0.00	\$0.00	57.00	\$22,230.00	55.00	\$21,450.00	22.50	\$8,775.00	0.00	\$0.00	0.00	\$0.00	134.50	\$52,455.00
7	6" DIA. WATER MAIN & SERVICE (GRANULAR BACKFILL)	81	LF	\$165.00	\$13,365.00	14.25	\$2,351.25	0.00	\$0.00	52.50	\$8,662.50	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	66.75	\$11,013.75
8	2" DIA. WATER SERVICE (SLURRY BACKFILL)	1	EA	\$10,285.00	\$10,285.00	0.00	\$0.00	1.00	\$10,285.00	1.00	\$10,285.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	2.00	\$20,570.00
9	1.25" DIA. WATER SERVICE (SLURRY BACKFILL)	15	EA	\$8,750.00	\$131,250.00	0.00	\$0.00	6.00	\$52,500.00	3.00	\$26,250.00	4.00	\$35,000.00	2.00	\$17,500.00	0.00	\$0.00	15.00	\$131,250.00
10	1.25" DIA. WATER SERVICE (GRANULAR BACKFILL)	5	EA	\$9,240.00	\$46,200.00	0.00	\$0.00	2.00	\$18,480.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	2.00	\$18,480.00
11	HYDRANT	9	EA	\$7,425.00	\$66,825.00	1.00	\$7,425.00	4.00	\$29,700.00	3.00	\$22,275.00	1.00	\$7,425.00	0.00	\$0.00	0.00	\$0.00	9.00	\$66,825.00
12	12" GATE VALVE & BOX	16	EA	\$4,800.00	\$76,800.00	4.00	\$19,200.00	3.00	\$14,400.00	6.00	\$28,800.00	3.00	\$14,400.00	0.00	\$0.00	0.00	\$0.00	16.00	\$76,800.00
13	8" GATE VALVE & BOX	6	EA	\$2,800.00	\$16,800.00	1.00	\$2,800.00	3.00	\$8,400.00	2.00	\$5,600.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	6.00	\$16,800.00
14	6" GATE VALVE & BOX	11	EA	\$2,200.00	\$24,200.00	2.00	\$4,400.00	3.00	\$6,600.00	5.00	\$11,000.00	1.00	\$2,200.00	0.00	\$0.00	0.00	\$0.00	11.00	\$24,200.00
15	AIR RELEASE ASSEMBLY	2	EA	\$2,500.00	\$5,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1.00	\$2,500.00	1.00	\$2,500.00	2.00	\$5,000.00
16	VALVE ABANDONMENT	28	EA	\$1,000.00	\$28,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	24.00	\$24,000.00	4.00	\$4,000.00	28.00	\$28,000.00
17	HYDRANT REMOVAL	7	EA	\$1,800.00	\$12,600.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1.00	\$1,800.00	2.00	\$3,600.00	4.00	\$7,200.00	7.00	\$12,600.00
18	INLET PROTECTION	22	EA	\$175.00	\$3,850.00	11.00	\$1,925.00	0.00	\$0.00	11.00	\$1,925.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	22.00	\$3,850.00
19	PAVEMENT RESTORATION - STAGE 1	1	LS	\$44,000.00	\$44,000.00	0.00	\$0.00	1.00	\$44,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1.00	\$44,000.00
20	PAVEMENT RESTORATION - STAGE 2	1	LS	\$43,000.00	\$43,000.00	0.00	\$0.00	0.00	\$0.00	0.75	\$32,250.00	0.25	\$10,750.00	0.00	\$0.00	0.00	\$0.00	1.00	\$43,000.00
21	PAVEMENT RESTORATION - STAGE 2A	1	LS	\$43,000.00	\$43,000.00	0.00	\$0.00	0.00	\$0.00	1.00	\$43,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1.00	\$43,000.00
22	PAVEMENT RESTORATION - STAGE 2B	1	LS	\$190,000.00	\$190,000.00	0.00	\$0.00	0.00	\$0.00	0.50	\$95,000.00	0.50	\$95,000.00	0.00	\$0.00	0.00	\$0.00	1.00	\$190,000.00
23	PAVEMENT RESTORATION - STAGE 3	1	LS	\$190,000.00	\$190,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1.00	\$190,000.00	0.00	\$0.00	1.00	\$190,000.00
24	PAVEMENT RESTORATION - STAGE 4	1	LS	\$43,000.00	\$43,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1.00	\$43,000.00	0.00	\$0.00	1.00	\$43,000.00
25	TURF RESTORATION - STAGE 2B	1	LS	\$10,000.00	\$10,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	1.00	\$10,000.00	0.00	\$0.00	1.00	\$10,000.00
26	TURF RESTORATION - STAGE 4	1	LS	\$10,000.00	\$10,000.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.50	\$5,000.00	0.50	\$5,000.00	1.00	\$10,000.00
27	TRAFFIC CONTROL	1	LS	\$370,000.00	\$370,000.00	0.25	\$92,500.00	0.25	\$92,500.00	0.00	\$0.00	0.00	\$0.00	0.00	\$0.00	0.25	\$92,500.00	0.75	\$277,500.00
<b>TOTAL (Items 1-27)</b>					<b>\$2,474,645.00</b>		<b>\$525,238.25</b>		<b>\$653,857.50</b>		<b>\$427,382.50</b>		<b>\$261,210.00</b>		<b>\$370,281.00</b>		<b>\$111,200.00</b>		<b>\$2,349,170.25</b>

Sub-Total Completed To Date	\$2,349,170.25
Less Allowance for testing and approval	0% \$0.00
Less Retainage (5% to 50% complete)	5% -\$61,866.13
<b>Total</b>	<b>\$2,287,304.12</b>
Less Previous Payments	\$2,176,104.12
<b>TOTAL PAYMENT DUE THIS PERIOD</b>	<b>\$111,200.00</b>

Recommended for Commission Approval by: B. J. [Signature] Date: 12-4-23

## STAFF REPORT

**Item:** Change Order No. 1 for the Sanitary Rehabilitation 2023 project

**Recommendation:** That the Board considers a motion to approve the Change Order No. 1 for the Sanitary Rehabilitation 2023 project to Visu-Sewer in the amount of \$6,093.75(Project No. 23116) (All Aldermanic Districts)

**Fiscal Impact:** This project is part of the 2022 Capital Improvement Project budget.

**Critical Success Factor(s):**

- Vibrant and Diverse Cultural Opportunities
- Thoughtful Development and Prosperous Economy
- Safe, Welcoming, and Engaged Community
- Inspired, Aligned, and Proactive City Leadership
- Financial Stability
- Quality Infrastructure, Amenities, and Services
- Not Applicable

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**Background:** The 2023 Sanitary Rehabilitation project is repairing the sanitary sewer system with liners and various spot repairs. There were 2 locations where the infiltration was coming into the sewer too fast for the crew to be able to line the sewer main. The liner material would not have been able to cure with all of the water entering the main. Visu-Sewer grouted the leaking joints in the main so that they could install the liner. This change order is for the unexpected grouting needs prior to the lining of the main.

**Options/Alternatives:** None

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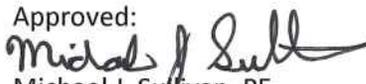
Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:  
  
Kristina Strmsek  
Assistant Comptroller

Prepared:

  
Brian L. Johnston, PE  
Utility Engineer

Approved:  
  
Michael J. Sullivan, PE  
General Manager

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Attachments: 23116 Sanitary Rehabilitation 2023 Change Order No. 1

**CHANGE ORDER AUTHORIZATION  
CHANGE ORDER NO. 1  
PROJECT NO. 23116**

**Sanitary Rehabilitation 2023**

INITIATED BY THE OAK CREEK WATER AND SEWER UTILITY  
DATE INITIATED: November 28, 2023

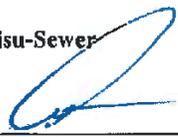
Work authorization for furnishing the necessary labor, materials and equipment to perform the following:

ITEM NO.	ITEM DESCRIPTION	QUANTITY UNIT	UNIT PRICE	COST
E-1	Grouting infiltration runners prior to lining	18.75 HR	\$325.00	\$6,093.75
<b>TOTAL CHANGE ORDER</b>				<b>\$6,093.75</b>

E = Contract Extra, C = Contract Credit

This work, performed under the Sanitary Rehabilitation 2023 contract, is hereby agreed upon and has been performed as indicated under the contract for Project No. 23116, Change Order No. 1 for contract extras with a total net cost of \$6,093.75.

Visu-Sewer

  
\_\_\_\_\_  
Signature

*CURT HOFFART*  
\_\_\_\_\_  
Accepted by (print name)

*11/29/23*  
\_\_\_\_\_  
Date Accepted

Oak Creek Water & Sewer Utility

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Accepted by (print name)

\_\_\_\_\_  
Date Accepted

**STAFF REPORT**

**Item:** Progress payment No. 1 for the 2023 Sanitary Rehabilitation project

**Recommendation:** That the Board considers a motion to approve progress payment No. 1 for the 2023 Sanitary Rehabilitation project to Visu-Sewer Inc in the amount of \$502,206.41. (Project No. 23116) (All Aldermanic Districts)

**Fiscal Impact:** This project is part of the 2023 Capital Improvement Project Budget

**Critical Success Factor(s):**

- Vibrant and Diverse Cultural Opportunities
- Thoughtful Development and Prosperous Economy
- Safe, Welcoming, and Engaged Community
- Inspired, Aligned, and Proactive City Leadership
- Financial Stability
- Quality Infrastructure, Amenities, and Services
- Not Applicable

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**Background:** This project is part of the sanitary sewer rehabilitation program. The Utility uses the NASSCO rating system to evaluate the sewer repairs based on the camera work completed on the system. A new list of sewer deficiencies was created last year based on the latest videos of the system. The project continues to identify and correct deficiencies in the sanitary sewer system throughout the City of Oak Creek. The repairs utilize different construction techniques in complete pipe relays, lining, spot repairs and spot lining. This project will also look at correcting laterals that are protruding into the main and grouting joints. Globe has completed the spot repair work and Visu-Sewer has completed the lining and grouting work. We have 2 spot liners left to complete on the project.

**Options/Alternatives:**

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Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:

  
Kristina Strmsek  
Assistant Comptroller

Prepared:

  
Brian L. Johnston, PE  
Utility Engineer

Approved:

  
Michael J. Sullivan, PE  
General Manager

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Attachments: 23116-2023 Sanitary Rehabilitation Progress Payment No. 1

**OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT**

**PROJECT NO. 23116 - Sanitary Rehab 2023**

				Visu-Sewer, Inc W230N4855 Betker Dr Pewaukee, WI 53072		Partial Payment No. 1 December 12, 2023		PROJECT TOTAL	
Item No.	Item Description	Bid Quantity		Unit Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	8-Inch CIPP Liner	4,657	LF	\$32.50	\$151,352.50	4657.0	\$151,352.50	4,657.0	\$151,352.50
2	15-Inch CIPP Liner	770	LF	\$94.50	\$72,765.00	770.0	\$72,765.00	770.0	\$72,765.00
3	18-Inch CIPP Liner	746	LF	\$100.00	\$74,600.00	746.0	\$74,600.00	746.0	\$74,600.00
4	27-Inch CIPP Liner	354	LF	\$264.00	\$93,456.00	354.0	\$93,456.00	354.0	\$93,456.00
5	Test & Seal Lateral Connections	62	EA	\$495.00	\$30,690.00	40.0	\$19,800.00	40.0	\$19,800.00
6	8-Inch CIPP Spot Liner (~ 5 LF)	1	EA	\$2,750.00	\$2,750.00	0.0	\$0.00	-	\$0.00
7	12-Inch CIPP Spot Liner (~ 5 LF)	1	EA	\$5,000.00	\$5,000.00	0.0	\$0.00	-	\$0.00
8	Abandon Sanitary Sewer (10" Dia)	55	LF	\$110.00	\$6,050.00	55.0	\$6,050.00	55.0	\$6,050.00
9	Abandon Sanitary Manhole	1	EA	\$3,520.00	\$3,520.00	1.0	\$3,520.00	1.0	\$3,520.00
10	Sanitary Sewer Abandonment in Place	3	EA	\$12,650.00	\$37,950.00	3.0	\$37,950.00	3.0	\$37,950.00
11	Intruding Tap Removal	5	EA	\$1,000.00	\$5,000.00	5.0	\$5,000.00	5.0	\$5,000.00
12	PVC Sanitary Sewer Spot Repair - 8" Main (~ 10 LF)	1	EA	\$13,200.00	\$13,200.00	1.0	\$13,200.00	1.0	\$13,200.00
13	PVC Sanitary Sewer Spot Repair - 15" Main (~ 5 LF)	2	EA	\$19,800.00	\$39,600.00	1.5	\$29,700.00	1.5	\$29,700.00
14	6-Inch Lateral Relay	15	LF	\$220.00	\$3,300.00	10.0	\$2,200.00	10.0	\$2,200.00
CO-1	Grouting Pre-CIPP	13	HR	\$325.00	\$4,225.00	18.75	\$6,093.75	18.75	\$6,093.75
<b>TOTAL (Items 1-14)</b>				<b>\$539,233.50</b>		<b>\$515,687.25</b>		<b>\$515,687.25</b>	

Sub-Total Completed To Date	\$515,687.25
Less Allowance for testing and approval	0% \$0.00
Less Retainage (5% to 50% complete)	5% -\$13,480.84
<b>Total</b>	<b>\$502,206.41</b>
Less Previous Payments	\$0.00
<b>TOTAL PAYMENT DUE THIS PERIOD</b>	<b>\$502,206.41</b>

Recommended for Commission Approval by: B. Z. J. J. J. Date: 12-4-23



## STAFF REPORT

**Item:** Progress payment No. 1 for the S. 13<sup>th</sup> Street Hydrant Relocation Project

**Recommendation:** That the Board considers a motion to approve progress payment No. 1 for the S. 13<sup>th</sup> Street hydrant relocation project to UPI, LLC in the amount of \$118,543.30. (Project No. 23113) (2<sup>nd</sup> Aldermanic District)

**Fiscal Impact:** This project is part of the 2023 Capital Improvement Project Budget

- Critical Success Factor(s):**
- Vibrant and Diverse Cultural Opportunities
  - Thoughtful Development and Prosperous Economy
  - Safe, Welcoming, and Engaged Community
  - Inspired, Aligned, and Proactive City Leadership
  - Financial Stability
  - Quality Infrastructure, Amenities, and Services
  - Not Applicable

**Background:** This project will relocate the 12 hydrants as needed along S. 13<sup>th</sup> Street from W. Puetz Road to W. Drexel Avenue. There are 9 valves to be adjusted and 15 manholes to be adjusted. This project is being planned to get the relay completed prior to the 2024 Milwaukee County reconstruction project of S. 13<sup>th</sup> Street. UPI has started the work along S. 13<sup>th</sup> Street.

**Options/Alternatives:**

Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:  
  
Kristina Strmsek  
Assistant Comptroller

Prepared:

  
Brian L. Johnston, PE  
Utility Engineer

Approved:

  
Michael J. Sullivan, PE  
General Manager

Attachments: 23113 S 13<sup>th</sup> Street Hydrant Relocation Progress Payment No. 1

**OAK CREEK WATER AND SEWER UTILITY  
PROGRESS PAYMENT REPORT**

**PROJECT NO. 23113 S. 13th Street Hydrant Relocation**

				UPI, Inc 2180 S Springdale Road New Berlin, WI 53146		Partial Payment No. 1 December 12, 2023		PROJECT TOTAL	
Item No.	Item Description	Bid Quantity		Unit Price	Total Price	Quantity Complete	Cost Complete	Quantity Complete	Cost Complete
1	REMOVE HYDRANT ASSEMBLY	12	EA	\$2,028.00	\$24,312.00	4.0	\$8,104.00	4.0	\$8,104.00
2	8" DIA PVC WATER MAIN RELAY	20	LF	\$1,303.00	\$26,060.00	23.5	\$30,620.50	23.5	\$30,620.50
3	6" DIA PVC HYDRANT LEAD	124	LF	\$143.00	\$17,732.00	53.7	\$7,679.10	53.7	\$7,679.10
4	1" DIA WATER SERVICE RELAY	18	LF	\$694.00	\$12,492.00	20.0	\$13,880.00	20.0	\$13,880.00
5	6" GATE VALVE & BOX	12	EA	\$4,178.00	\$50,136.00	5.0	\$20,890.00	5.0	\$20,890.00
6	HYDRANT	12	EA	\$8,440.00	\$101,280.00	5.0	\$42,200.00	5.0	\$42,200.00
7	EROSION BALE DITCH CHECK	10	EA	\$175.00	\$1,750.00	0.0	\$0.00	-	\$0.00
8	INLET PROTECTION, TYPE D-M	4	EA	\$175.00	\$700.00	0.0	\$0.00	-	\$0.00
9	SLOPE INTERRUPTION DEVICE (WATTLES)	10	EA	\$175.00	\$1,750.00	0.0	\$0.00	-	\$0.00
10	TRAFFIC CONTROL - STAGE 1	1	LS	\$4,500.00	\$4,500.00	0.0	\$0.00	-	\$0.00
11	TRAFFIC CONTROL - STAGE 2	1	LS	\$2,500.00	\$2,500.00	0.5	\$1,250.00	0.5	\$1,250.00
<b>TOTAL (Items 1-14)</b>				<b>\$243,212.00</b>		<b>\$124,623.60</b>		<b>\$124,623.60</b>	

Sub-Total Completed To Date	\$124,623.60
Less Allowance for testing and approval	0% \$0.00
Less Retainage (5% to 50% complete)	5% -\$6,080.30
<b>Total</b>	<b>\$118,543.30</b>
Less Previous Payments	\$0.00
<b>TOTAL PAYMENT DUE THIS PERIOD</b>	<b>\$118,543.30</b>

Recommended for Commission Approval by:  Date: 12-4-23



## STAFF REPORT

**Item:** Purchase Coagulant Optimization Tool

**Recommendation:** That the Board consider a motion to approve the purchase of one RoboJar automated water sample testing device for \$15,000 from Clear Corporation.

**Fiscal Impact:** This equipment is included in the 2024 CIP.

- Critical Success Factor(s):**
- Vibrant and Diverse Cultural Opportunities
  - Thoughtful Development and Prosperous Economy
  - Safe, Welcoming, and Engaged Community
  - Inspired, Aligned, and Proactive City Leadership
  - Financial Stability
  - Quality Infrastructure, Amenities, and Services
  - Not Applicable

**Background:** Currently \$134,000 is spent on the chemical coagulant (Poly Aluminum Hydroxychloride) used to promote organic settling in the raw water. The dose floor has been set more than 20 years ago when the lake conditions were more turbid. The clarity of the lake presents an opportunity to optimize the coagulant dose and potentially reduce the amount added to the water thereby reducing treatment cost. The RoboJar product brings science to the largely subjective jar testing traditionally used. It measures the actual floc particle size to insure the chemical dosing is not producing a floc that is too large or too small for optimal settling. The goal would be to reduce the chemical cost by 10%. This would save \$13,400 in the first year alone.

The purchase includes the device, floc jar, keyboard/touchpad, Flocculation Metrics Analysis Software, 5-yr support, set up and installation services, delivery, and on-site training session.

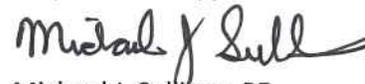
**Options/Alternatives:** Continue to dose coagulant without optimization.

Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:  
  
Kristina Strmsek  
Assistant Comptroller

Prepared and Approved:

  
Michael J. Sullivan, PE  
General Manager

Choose an item.

Attachments:



## STAFF REPORT

**Item:** Utility Heavy Duty Liftgate Truck Purchase

**Recommendation:** That the Board consider a motion to approve the purchase of a Ram 2500 from Griffin Auto Group for \$49,290.

**Fiscal Impact:** This is a budgeted CIP item. We budgeted \$50,000 in the 2024 CIP Budget

- Critical Success Factor(s):**
- Vibrant and Diverse Cultural Opportunities
  - Thoughtful Development and Prosperous Economy
  - Safe, Welcoming, and Engaged Community
  - Inspired, Aligned, and Proactive City Leadership
  - Financial Stability
  - Quality Infrastructure, Amenities, and Services
  - Not Applicable

**Background:** As part of the 2024 CIP budget, we are sticking to our vehicle replacement plan. We are replacing a 2012 GMC 2500. The State bid ordering deadline is December 21st, 2023 for the 2024 model year.

Ram 2500– Griffin Auto Group	\$49,290
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**Options/Alternatives:** This is an approved CIP item based off of our vehicle replacement plan.

Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:

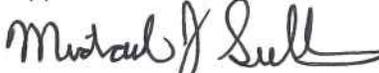
  
 Kristina Strmsek  
 Assistant Comptroller

Prepared:



Darrin J. Allard  
Distribution Manager

Approved:

  
 Michael J. Sullivan, PE  
 General Manager

Attachments: None

**STAFF REPORT****Item:** Utility Valve Turning Trailer Purchase**Recommendation:** That the Board consider a motion to approve the purchase of Wachs Valve Turning Trailer from Envirotech Equipment in the amount of \$82,395.00**Fiscal Impact:** This is a budgeted CIP item in the 2024 CIP Budget**Critical Success Factor(s):**  
 Vibrant and Diverse Cultural Opportunities  
 Thoughtful Development and Prosperous Economy  
 Safe, Welcoming, and Engaged Community  
 Inspired, Aligned, and Proactive City Leadership  
 Financial Stability  
 Quality Infrastructure, Amenities, and Services  
 Not Applicable

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**Background:** As part of the 2024 CIP budget, we are looking to purchase a valve operating trailer. This piece of equipment will be used to operate valves in the water distribution system. It also has the capability of performing smaller hydro-excavations. This trailer has the capability of recording valve location, number of turns to operate, amount of torque required, and date the work was performed.

Wachs Utility Products	\$83,260.00
Envirotech Equipment	\$82,395.00
Brown Equipment Company	\$93,215.00

**Options/Alternatives:** Keep operating the valves manually. This method proves to be inefficient and can potentially cause injury to workers.

Respectfully submitted:

Andrew J. Vickers, MPA  
City Administrator

Fiscal Review:

  
Kristina Strmsek  
Assistant Comptroller

Prepared:

Darrin J. Allard  
Distribution Manager

Approved:

Michael J. Sullivan, PE  
General Manager

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Attachments: None

# ACCOUNTS PAYABLE SUMMARY

December 12, 2023

Vendor	Description	Dollar Amount
A W Oakes & Son, Inc.	Howell Ave Water Relay	\$ 111,200.00
Badger Meter Manufacturing	Meters, Read Center Support	9,531.94
Cedar Corporation	The Learning Experience	8,218.75
Chase Card Services	Charge Card Invoices	8,039.47
Chemtrade Chemicals US, LLC.	Coagulant	17,551.95
Clark Dietz, Inc.	Plant HVAC Replacement	11,134.55
Core & Main LP	Tapping Saddles, Main Repair Parts Hydrant Repair Parts, Curb Stop Parts	6,876.50
Duke's Root Control	Sewer Maintenance Root Treatment	15,404.36
Hydrite Chemical, Co.	Plant Chlorine	9,702.24
J.F. Brennan, Co. Inc.	CCT Inspection	13,975.00
Milwaukee Metropolitan Sewerage District	Metro Bills	449,296.61
North Shore Environmental Construct	Lowlift Shorewell Cleaning	17,250.00
Oak Creek Utility	Utility's Metro Bill	12,714.54
POSM Soft, LLC.	Support 1/31/2024-1/30/2025	6,500.00
R.A. Smith National	Project Consultation	81,762.75
UPI, LLC.	Forest Hill Water Relay, 13th St Hydrant Relocation	127,095.80
Visu-Sewer, Inc.	2023 Sanitary Rehab	502,206.41
Wisconsin Electric Power Company	Electric/Gas Bills	65,276.27
Willkomm Excavating	Forest Hill Manor Water Relay	18,153.99
Subtotal		<u>1,491,891.13</u>
Remaining Invoices		41,294.84
<b>TOTAL OF ACCOUNTS PAYABLE INVOICES TO BE PAID</b>		<u><u>\$ 1,533,185.97</u></u>

# Oak Creek Water & Sewer Paid Invoices

12/12/2023

INVOICE NUMBER	DESCRIPTION	DISTRIBUTIONS\AMOUNTS	AMOUNT
VENDOR NAME: ACE HARDWARE			
69758/2	CORD FOR VACUUM	08-26-00-62602 7.75	15.51
		08-27-00-64302 7.76	
69824/2	HOSE FITTINGS	08-26-00-62602 11.05	22.09
		08-27-00-64302 11.04	
		09-29-00-83102 55.46	
69975/2	SEWER ROOT CUTTER SUPPLIES	09-29-00-82702 18.21	55.46
69976/2	MISC SEWER EQUIP	08-28-00-67702 8.72	18.21
69987/2	HYDRANT REPAIR		8.72
	TOTAL VENDOR ACE HARDWARE		119.99
VENDOR NAME: ADVANCE LANDSCAPE CE			
647	RESTORATION	08-28-00-67302 170.47	170.47
	TOTAL VENDOR ADVANCE LANDSCAPE CE		170.47
VENDOR NAME: AHERN, J.F.			
616168	FIRE ALARM INSPECTION	08-26-00-62602 117.50	235.00
		08-27-00-64302 117.50	
	TOTAL VENDOR AHERN, J.F.		235.00
VENDOR NAME: ALSCO			
IMIL1966762	RUG/COVERALL SERVICE	08-26-00-62602 70.61	141.21
		08-27-00-64302 70.60	
IMIL1966759	RUG/COVERALL SERVICE	08-28-00-66202 78.69	98.36
		09-29-00-82702 19.67	

IMIL1968818	RUG/COVERALL SERVICE	08-28-00-66202	78.69	98.36
		09-29-00-82702	19.67	
IMIL1960774	RUG/CLEANING SERVICE	08-28-00-66202	82.41	103.01
		09-29-00-82702	20.60	
IMIL1964774	RUG/COVERALL SERVICE	08-28-00-66202	78.69	98.36
		09-29-00-82702	19.67	
IMIL1962781	RUG/COVERALL SERVICE	08-26-00-62602	70.61	141.21
		08-27-00-64302	70.60	
IMIL1962778	RUG/COVERALL SERVICE	08-28-00-66202	78.69	98.36
		09-29-00-82702	19.67	
TOTAL VENDOR ALSCO				778.87

VENDOR NAME: AMAZON

2023-11-MR-17	SAFETY GLOVES	08-26-00-62602	8.20	16.40
		08-27-00-64302	8.20	
2023-11-MR-18	KNEE PADS, RATCHET WRENCHES	08-26-00-62602	60.32	120.63
		08-27-00-64302	60.31	
2023-11-NB-7	OFFICE SUPPLIES	08-31-00-92102	33.67	47.67
		09-31-00-85102	14.00	
2023-11-MR-1	PRINTER INK	08-26-00-62602	30.62	61.24
		08-27-00-64302	30.62	
2023-11-MR-2	SAFETY SENSOR FOR GAS MONITOR	08-27-00-64202	70.00	140.00
		08-26-00-62602	70.00	
2023-11-MR-3	SAFETY SENSOR FOR GAS MONITOR	08-27-00-64202	73.50	147.00
		08-26-00-62602	73.50	
		08-31-00-92602	109.95	
2023-11-MR-5	ROBE SAFETY BOOTS	08-34-00-93302	166.35	109.95
2023-11-MR-6	SEAT FRAME FOR MOWER			166.35
2023-11-MR-7	AIR FILTERS	08-26-00-62602	46.44	92.88
		08-26-00-62602	46.44	
2023-11-MR-8	TOILET PAPER & PAPER TOWELS	08-26-00-62602	85.12	170.24
		08-27-00-64302	85.12	
2023-11-MR-9	AIR COMPRESSOR OIL	08-26-00-62602	34.45	68.89

2023-11-MR-10	AIR FILTERS FOR MULTIZONE UNIT	08-27-00-64302	34.44	08-27-00-64302	34.44
		08-26-00-62602	55.17	08-26-00-62602	55.17
		08-27-00-64302	55.17	08-27-00-64302	55.17
		08-27-00-64202	130.00	08-27-00-64202	130.00
2023-11-MR-11	PLATE COUNT AGAR	08-26-00-62602	299.95	08-26-00-62602	299.95
2023-11-MR-12	PRINTER INK	08-27-00-64302	299.94	08-27-00-64302	299.94
2023-11-MR-13	PRINTER INK	08-26-00-62602	59.00	08-26-00-62602	59.00
2023-11-MR-14	PVC CUTTER	08-27-00-64302	59.00	08-27-00-64302	59.00
		08-26-00-62602	13.25	08-26-00-62602	13.25
		08-27-00-64302	13.24	08-27-00-64302	13.24
2023-12-MR-18	PRINTER INK RETURN	08-31-00-92102	(11.25)	08-31-00-92102	(11.25)
2023-12-MR-19	BELT FOR MOWER	08-34-00-93302	46.31	08-34-00-93302	46.31
2023-12-MR-20	ELECTRICAL TAPE	08-26-00-62602	29.00	08-26-00-62602	29.00
		08-27-00-64302	29.00	08-27-00-64302	29.00
		08-27-00-65202	76.00	08-27-00-65202	76.00
2023-12-MR-21	MIXING WATER FLOW INDICATOR	08-34-00-93302	27.02	08-34-00-93302	27.02
2023-12-MR-22	MOWER PARTS	08-34-00-93302	70.53	08-34-00-93302	70.53
2023-12-MR-23	MOWER & LAWN EQUIPMENT MAINTENANCE	08-28-00-66202	71.64	08-28-00-66202	71.64
2023-12-DN-3	BUILDING CONTROL BATTERIES, CABLES	09-29-00-82702	30.71	09-29-00-82702	30.71
2023-12-DN-1	CONTROL ROOM TV	08-26-00-62602	349.00	08-26-00-62602	349.00
2023-12-DA-5	SHOP SUPPLIES	08-27-00-64302	349.00	08-27-00-64302	349.00
		08-28-00-66202	105.56	08-28-00-66202	105.56
		09-29-00-82702	45.24	09-29-00-82702	45.24
	TOTAL VENDOR AMAZON				3,343.73
	VENDOR NAME: AMERICAN WATERWORKS				
SO126330	PARTNERSHIP FOR SAFE WATER	08-31-00-93002	320.00	08-31-00-93002	320.00

SO126369 PARTNERSHIP FOR SAFE WATER  
TOTAL VENDOR AMERICAN WATERWORKS

08-31-00-93002 320.00  
-----  
320.00  
640.00

VENDOR NAME: AMY THORGAARD

2023-11-SAFETY BOOTS SAFETY BOOTS AMY  
TOTAL VENDOR AMY THORGAARD

08-31-00-92602 169.86  
-----  
169.86  
169.86

VENDOR NAME: AT & T

2023-11-NB-6 PHONE/INTERNET CHARGES

09-29-00-82002 20.00 238.02

09-29-00-82702 30.00

08-26-00-62402 10.00

08-33-00-41622 5.00

09-29-00-82022 2.50

08-28-00-66222 2.50

08-26-00-62602 25.00

08-27-00-64302 15.00

08-31-00-92102 89.61

09-31-00-85102 38.41

08-26-00-62602 57.89 115.78

08-27-00-64302 57.89

08-26-00-62602 70.83 141.66

08-27-00-64302 70.83  
-----  
495.46

TOTAL VENDOR AT & T

VENDOR NAME: BADGER METER MANUFAC

1618033 CUSTOMER METERS  
1618034 READ CENTER CUSTOMER SUPPORT

08-00-00-34600 992.54 992.54  
08-31-00-92302 157.50 225.00  
09-31-00-85202 67.50  
08-00-00-34600 4,984.56

1621297 CUSTOMER METERS

4,984.56

1621746	METERS	08-00-00-34600	3,329.84	3,329.84
	TOTAL VENDOR BADGER METER MANUFAC			<u>9,531.94</u>
VENDOR NAME: BROWN AND CALDWELL				
32501329	SANITARY MODEL UPDATE	09-01-00-23117	4,005.01	4,005.01
	TOTAL VENDOR BROWN AND CALDWELL			<u>4,005.01</u>
VENDOR NAME: CDW GOVERNMENT				
2023-12-DN-2	A/P SCANNER	08-31-00-92102	190.11	271.59
	TOTAL VENDOR CDW GOVERNMENT	09-31-00-85102	81.48	<u>271.59</u>
VENDOR NAME: CEDAR CORPORATION				
117560	THE LEARNING EXPERIENCE	08-01-00-23052	3,289.13	4,698.75
	TOTAL VENDOR CEDAR CORPORATION	09-01-00-23052	1,409.62	<u>3,520.00</u>
117833	THE LEARNING EXPERIENCE	08-01-00-23052	2,464.00	8,218.75
	TOTAL VENDOR CEDAR CORPORATION	09-01-00-23052	1,056.00	<u>8,218.75</u>
VENDOR NAME: CHEMTRADE CHEMICALS				
93631628	H1050 COAGULANT-PLANT	08-00-00-15400	17,551.95	17,551.95
	TOTAL VENDOR CHEMTRADE CHEMICALS			<u>17,551.95</u>
VENDOR NAME: CLARK DIETZ, INC.				
439377	HVAC REPLACEMENT WTP	08-01-00-23109	11,134.55	11,134.55
	TOTAL VENDOR CLARK DIETZ, INC.			<u>11,134.55</u>
VENDOR NAME: CORE & MAIN LP				
S526574	HYDRANT REPAIR PARTS	08-28-00-67702	2,275.52	2,275.52

08-33-00-41600	187.74	187.74
08-28-00-67302	2,380.00	2,380.00
08-33-00-41600	156.00	156.00
08-28-00-67302	1,877.24	1,877.24
-----		6,876.50

T528696 WATER TAPPING SADDLE

T538271 WATER MAIN REPAIR PARTS

T547778 CURB STOP REPAIR PARTS

T838910 WATER MAIN REPAIR PARTS

TOTAL VENDOR CORE & MAIN LP

08-26-00-63302	140.62	140.62
-----		140.62

VENDOR NAME: CUMMINS NPOWER LLC

F6-64173 COOLANT FOR LOWLIFT GENERATOR

TOTAL VENDOR CUMMINS NPOWER LLC

08-31-00-92302	105.00	150.00
09-31-00-85202	45.00	45.00
08-31-00-92302	315.00	450.00
09-31-00-85202	135.00	135.00
-----		600.00

VENDOR NAME: CUT 4 YOU

2023-11-FINAL LAWN CARE-DREXEL/PUETZ RD RES

2023-11 LAWN CARE-DREXEL/PUETZ RD RES

TOTAL VENDOR CUT 4 YOU

08-33-00-41622	471.66	943.32
09-29-00-82022	235.83	235.83
08-28-00-66222	235.83	235.83
-----		943.32

VENDOR NAME: DIGGER'S HOT LINE

231061601 DIGGERS HOTLINE TICKETS-OCT

TOTAL VENDOR DIGGER'S HOT LINE

09-29-00-83102	15,404.36	15,404.36
-----		15,404.36

VENDOR NAME: DUKE'S ROOT CONTROL

17010 SEWER MAINTENANCE ROOT TREATMENT

TOTAL VENDOR DUKE'S ROOT CONTROL

VENDOR NAME: EBAY

2023-12-DA-1	HDQ HVAC PARTS	08-28-00-66202	34.34	49.05
		09-29-00-82702	14.71	
	TOTAL VENDOR EBAY			<u>49.05</u>
	VENDOR NAME: EDLEBECK, STEVEN			
2023-12	SAFETY BOOTS	08-31-00-92602	119.17	119.17
	TOTAL VENDOR EDLEBECK, STEVEN			<u>119.17</u>
	VENDOR NAME: EMSL ANALYTICAL, INC			
37321075	GEOSMIN WATER TEST	08-24-00-60102	424.00	424.00
	TOTAL VENDOR EMSL ANALYTICAL, INC			<u>424.00</u>
	VENDOR NAME: FISHER SCIENTIFIC CO			
7588314	LAB SUPPLIES	08-27-00-64202	112.22	112.22
	TOTAL VENDOR FISHER SCIENTIFIC CO			<u>112.22</u>
	VENDOR NAME: FLATOW, JAMES			
2023-12	UTILITY WREATH	08-31-00-92602	63.00	90.00
	TOTAL VENDOR FLATOW, JAMES	09-31-00-85402	27.00	<u>90.00</u>
	VENDOR NAME: GFL ENVIRONMENTAL			
U80000272524	PLANT DUMPSTER	08-31-00-92302	58.45	58.45
	TOTAL VENDOR GFL ENVIRONMENTAL			<u>58.45</u>
	VENDOR NAME: GRUNAU COMPANY			
10007319	SPOOL PIECE FOR LOWLIFT GENERATOR COOLING W/	08-26-00-63302	1,430.00	1,430.00
	TOTAL VENDOR GRUNAU COMPANY			<u>1,430.00</u>

VENDOR NAME: HARRIS  
MSIXT0000427 HARRIS/MIS ESS & SERVER MIGRATION

08-31-00-92302	1,575.00	2,250.00
09-31-00-85202	675.00	
<hr/>		2,250.00

TOTAL VENDOR HARRIS

VENDOR NAME: HOME DEPOT

2023-12-DA-8 TRUCK TOOLS & EQUIPMENT

08-34-00-93302	119.85	119.85
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2023-12-DA-2 TRUCK TOOLS

08-34-00-93302	197.07	197.07
<hr/>		316.92

TOTAL VENDOR HOME DEPOT

VENDOR NAME: HYDRAFLO, INC

43167 HYDRANT REPLACEMENT PARTS

08-28-00-67702	1,903.64	1,903.64
<hr/>		1,903.64

TOTAL VENDOR HYDRAFLO, INC

VENDOR NAME: HYDRITE

2023000008469 CHLORINE-PLANT USE

08-00-00-15400	9,702.24	9,702.24
<hr/>		9,702.24

TOTAL VENDOR HYDRITE

VENDOR NAME: IDEXX

3141775755 LAB SUPPLIES

08-27-00-64202	495.26	495.26
<hr/>		495.26

TOTAL VENDOR IDEXX

VENDOR NAME: INDELCO PLASTIC CORP

432086 PVC PARTS FOR CHLORINE MANIFOLD

08-26-00-62602	565.48	1,130.96
08-27-00-64302	565.48	
<hr/>		1,130.96

TOTAL VENDOR INDELCO PLASTIC CORP

VENDOR NAME: INDELCO PLASTICS CORPORATION

427635 PVC FOR COAGULANT LINE PROJECT

08-26-00-62602	332.71	665.42
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TOTAL VENDOR INDELCO PLASTICS CORPORATION

08-27-00-64302 332.71  
-----  
665.42

VENDOR NAME: J. F. BRENNAN

572361-1 CCT INSPECTION 13,975.00  
TOTAL VENDOR J. F. BRENNAN -----  
13,975.00

VENDOR NAME: JOHNSON SAND & GRAVE

5750 GRAVEL-WM BREAK 722.87  
TOTAL VENDOR JOHNSON SAND & GRAVE -----  
722.87

VENDOR NAME: KALAHARI RESORT

2023-12-DA-7 WIAWWA EXPENSES 585.00  
2023-12-MR-23 WIAWWA EXPENSES 117.00  
2023-12-MR-24 WIAWWA EXPENSES 117.00  
2023-12-MR-25 WIAWWA EXPENSES 117.00  
TOTAL VENDOR KALAHARI RESORT -----  
936.00

VENDOR NAME: KELLER-HEARTT OIL

454666-IN EQUIPMENT OIL-PLANT 685.20  
454668-IN EQUIPMENT OIL-PLANT 690.00  
TOTAL VENDOR KELLER-HEARTT OIL -----  
1,375.20

VENDOR NAME: KWIK TRIP EXTENDED N

NP65492283 TRUCK FLEET GAS 2,168.78

TOTAL VENDOR KWIK TRIP EXTENDED N ----- 2,168.78

VENDOR NAME: LEE MECHANICAL, INC.

25901 08-26-00-63302 2,820.00  
GAS REGULATOR AND VALVE ON PLANT GENERATOR  
TOTAL VENDOR LEE MECHANICAL, INC. ----- 2,820.00  
----- 2,820.00

VENDOR NAME: MAILFINANCE

Q1086491 POSTAGE METER LEASE PAYMENT 490.65  
TOTAL VENDOR MAILFINANCE ----- 490.65

VENDOR NAME: MCMASTER-CARR

17658444 TOOLS FOR PLANT 27.59  
08-26-00-62602 13.80  
08-27-00-64302 13.79  
08-26-00-62402 39.73

18295233 CHEMICAL FEED PANEL LIGHT BULBS 39.73

TOTAL VENDOR MCMASTER-CARR ----- 67.32

VENDOR NAME: MENARDS

68356 WATER TOWER BULBS 17.99  
08-28-00-67202 17.99  
68477 SUMP PUMP AND SUPPLIES FOR PLANT 218.81  
70274 OFFICE SUPPLIES AND HYDRANT SUPPLIES 76.83  
08-27-00-65202 218.81  
08-31-00-92102 20.99  
09-31-00-85102 8.99  
08-28-00-67702 46.85  
08-27-00-64302 39.76

70204 SPRAY BEDLINER FOR CCC CABINETS 39.76

70144 SPRAY BEDLINER FOR CCC CABINETS 39.76

70154 MISC FLEET MAINTENANCE SUPPLIES 43.35

08-28-00-67702	63.23	
08-28-00-66202	44.41	
09-29-00-82702	19.03	
08-33-00-41600	101.07	
08-34-00-93302	18.62	
-----		18.62
		682.86

70823 HYDRANT METER PARTS 63.23  
70944 MISC SHOP SUPPLIES 63.44  
70507 CURB STOP REPAIR PARTS 101.07  
71268 VEHICLE MAINTENANCE 18.62  
TOTAL VENDOR MENARDS 682.86

VENDOR NAME: MILWAUKEE METRO. SEW

09-00-00-23202	66,262.78	
09-00-00-23202	780.00	
09-00-00-23202	137,941.78	
09-00-00-23202	244,312.05	
-----		244,312.05
		449,296.61

263-23 METRO BILL 66,262.78  
324-23 INDUSTRIAL WASTE PRE-TREATMENT PROGRAM 780.00  
246-23 METRO BILL 137,941.78  
275-23 METRO BILL 244,312.05  
TOTAL VENDOR MILWAUKEE METRO. SEW 449,296.61

VENDOR NAME: NAPA AUTO PARTS

08-34-00-93302	136.61	
09-29-00-82702	35.73	
08-34-00-93302	61.78	
08-34-00-93302	21.99	
-----		21.99
		256.11

505592 VEHICLE PARTS 136.61  
505628 TRUCK PARTS, MISC SEWER EQUIPMENT 97.51  
505754 VEHICLE PARTS 21.99  
TOTAL VENDOR NAPA AUTO PARTS 256.11

VENDOR NAME: NASEC-NORTH AMERICAN

08-27-00-65202	1,210.00	
-----		1,210.00
		1,210.00

1830 PARTICLE COUNTER REPAIR 1,210.00  
TOTAL VENDOR NASEC-NORTH AMERICAN 1,210.00

VENDOR NAME: NASSCO INC.  
 6351489 HDQ.CLEANING SUPPLIES 48.64 69.49  
 09-31-00-85602 20.85  
 -----  
 TOTAL VENDOR NASSCO INC. 69.49

VENDOR NAME: NATURAL RESOURCES, D  
 2023-11-MR-14 DNR LICENSE RENEWAL-WHITE 45.90  
 TOTAL VENDOR NATURAL RESOURCES, D 45.90  
 -----

VENDOR NAME: NORTH SHORE ENVIRONMENTAL CONSTRUCT  
 11455 LOWLIFT SHOREWELL CLEANING 17,250.00  
 TOTAL VENDOR NORTH SHORE ENVIRONMENTAL CONSTRUCT 17,250.00  
 -----

VENDOR NAME: OAK CREEK UTILITY  
 2023-12 UTILITY'S METRO BILL 12,714.54  
 TOTAL VENDOR OAK CREEK UTILITY 12,714.54  
 -----

VENDOR NAME: OAKES, A W & SON, IN  
 21101-PMT #6 HOWELL AVE WATER RELAY 111,200.00  
 TOTAL VENDOR OAKES, A W & SON, IN 111,200.00  
 -----

VENDOR NAME: OFFICE 8  
 2098681 COPY PAPER 176.64  
 TOTAL VENDOR OFFICE 8 176.64  
 -----

VENDOR NAME: PAETEC  
 76091365 LONG DISTANCE CHARGES: PLT/DIST 63.52  
 08-26-00-62602 15.88  
 08-27-00-64302 15.88

08-31-00-92102	15.88
09-31-00-85102	15.88
08-26-00-62602	16.43
08-27-00-64302	16.43
08-31-00-92102	16.43
09-31-00-85102	16.44
<hr/>	
TOTAL VENDOR PAETEC	129.25

76027441 LONG DISTANCE CHARGES: PLT/DIST

08-28-00-67302	220.87
<hr/>	
TOTAL VENDOR PAYNE & DOLAN, INC.	220.87

VENDOR NAME: PAYNE & DOLAN, INC.

08-28-00-67802	2,379.25
09-31-00-83402	1,019.68
<hr/>	
TOTAL VENDOR PBBS EQUIPMENT CORPO	3,398.93

VENDOR NAME: PBBS EQUIPMENT CORPO

09-31-00-85202	6,500.00
<hr/>	
TOTAL VENDOR POSM SOFT LLC	6,500.00

VENDOR NAME: POSM SOFT LLC

08-01-00-23051	4,059.00
09-01-00-23051	7,548.75
08-01-00-21086	1,188.00
09-01-00-21086	2,362.00
08-01-00-23111	1,089.00
<hr/>	
TOTAL VENDOR R.A. SMITH, INC	11,607.75

VENDOR NAME: R.A. SMITH, INC

09-01-00-23116	11,615.25
09-01-00-21018	13,955.25
<hr/>	
TOTAL VENDOR FOREST HILL WATER RELAY	25,570.50

VENDOR NAME: FOREST HILL WATER RELAY

2023 SANITARY REHAB	11,615.25
DREXEL LIFT STATION	13,955.25
<hr/>	
TOTAL VENDOR 2023 SANITARY REHAB	25,570.50

VENDOR NAME: 2023 SANITARY REHAB

177145	HEY DAY	09-01-00-23051	594.00	594.00
177251	13TH ST HYDRANT RELOCATION	08-01-00-23113	1,513.00	1,513.00
177250	RAWSON AVE WATER RELAY 6TH-10TH	08-01-00-22108	4,959.00	4,959.00
177252	6TH & MARQUETTE WATER MAIN RELAY	08-01-00-23112	32,879.50	32,879.50
	TOTAL VENDOR R.A. SMITH, INC			<u>81,762.75</u>
	VENDOR NAME: REVSPRING			
INV1337828	PROCESSING OF BILLING-OCTOBER	08-30-00-90302	381.05	544.36
		09-30-00-84002	163.31	
		08-30-00-90302	2,110.26	
INV1339655	PROCESSING OF BILLING-NOVEMBER			<u>2,110.26</u>
	TOTAL VENDOR REVSPRING			<u>2,654.62</u>
	VENDOR NAME: RICOH AMERICAS CORPO			
5068564701	COPY MACHINE USAGE	08-31-00-92102	125.94	179.92
		09-31-00-85102	53.98	
	TOTAL VENDOR RICOH AMERICAS CORPO			<u>179.92</u>
	VENDOR NAME: ROPER			
2023-CELL:JAN-AUG	CELL PHONE:JAN-AUG 2023	08-31-00-92602	200.00	200.00
	TOTAL VENDOR ROPER			<u>200.00</u>
	VENDOR NAME: RYAN ROAD MOBILE			
2023-11-MR-16	ICE	08-27-00-64202	11.00	11.00
	TOTAL VENDOR RYAN ROAD MOBILE			<u>11.00</u>
	VENDOR NAME: SHERATON DALLAS			
2023-11-BJ-2	AWWA EXPENSES	08-31-00-93002	604.46	863.52

TOTAL VENDOR SHERATON DALLAS

09-31-00-85602 259.06  
-----  
863.52

VENDOR NAME: SPECTRUM

2023-11-NB-1 PHONE/INTERNET CHARGES

09-29-00-82002 5.00 279.97  
09-29-00-82702 5.00  
08-33-00-41622 4.00  
09-29-00-82022 2.00  
08-28-00-66222 2.00  
08-28-00-66202 25.00  
08-31-00-92102 95.89  
09-31-00-85102 41.09  
08-24-00-60302 15.00  
08-26-00-62402 5.00  
08-26-00-62602 10.00  
08-27-00-64302 20.00  
08-31-00-92102 49.99  
-----  
279.97

TOTAL VENDOR SPECTRUM

VENDOR NAME: STAR PROMOTIONS

173929 UTILITY-ISSUED CLOTHING

08-31-00-92602 506.03 722.90  
09-31-00-85402 216.87  
-----  
722.90

TOTAL VENDOR STAR PROMOTIONS

VENDOR NAME: STEELTOESHoes.COM

2023-12-DA-6 SAFETY BOOTS-DA, JF

08-31-00-92602 281.95 563.90  
09-31-00-85402 281.95  
-----  
563.90

TOTAL VENDOR STEELTOESHoes.COM

VENDOR NAME: STRAND ASSOCIATES

203805 CCT INSPECTION

08-00-00-23053 3,263.67  
-----  
3,263.67

TOTAL VENDOR STRAND ASSOCIATES



VENDOR NAME: UBER  
 2023-11-BJ-3 AWWA EXPENSES 16.73 23.90  
 09-31-00-85602 7.17  
 2023-11-BJ-4 AWWA EXPENSES 19.35 27.64  
 09-31-00-85602 8.29  
 -----  
 TOTAL VENDOR UBER 51.54

VENDOR NAME: UPI LLC  
 23111-FINAL FOREST HILL WATER RELAY 8,552.50  
 23113-PMT #1 13TH ST HYDRANT RELOCATION 118,543.30  
 -----  
 TOTAL VENDOR UPI LLC 127,095.80

VENDOR NAME: UPS  
 2023-11-MR-15 WATER SAMPLE SHIPPING 20.01 20.01  
 -----  
 TOTAL VENDOR UPS 20.01

VENDOR NAME: USA BLUE BOOK  
 191291 CONTROL VALVE 194.57 194.57  
 195307 TURBIDIMETER REPLACEMENT BULB 152.62 152.62  
 188881 LAB CHEMICALS 346.45 346.45  
 185445 SAMPLE BOTTLES 179.04 179.04  
 211649 LAB CHEMICALS 334.31 334.31  
 -----  
 TOTAL VENDOR USA BLUE BOOK 1,206.99

VENDOR NAME: VISU-SEWER, INC.

23116-PMT #1	2023 SANITARY REHAB	09-01-00-23116	502,206.41
TOTAL VENDOR VISU-SEWER, INC.			<u>502,206.41</u>
VENDOR NAME: VOLBRECHT, ANDREW			
2023-11-SAFETY BOOTS SAFETY BOOTS		08-31-00-92602	37.57
		09-31-00-85402	37.56
TOTAL VENDOR VOLBRECHT, ANDREW			<u>75.13</u>
VENDOR NAME: WATER SPECIALTIES			
124487	BACKFLOW PREVENTER REPAIR KITS	08-27-00-65202	473.53
TOTAL VENDOR WATER SPECIALTIES			<u>473.53</u>
VENDOR NAME: WE ENERGIES			
2023-12-08-G	GAS/ELECTRIC BILLS	08-26-00-62602	805.50
		08-27-00-64302	1,050.80
		08-28-00-66502	56.59
		08-31-00-92102	56.59
		09-29-00-82702	56.59
		09-31-00-85102	56.59
2023-12-01-E	GAS/ELECTRIC BILLS	08-26-00-62302	4,015.27
		08-26-00-62202	28.92
		08-28-00-66102	39.25
		08-28-00-66502	365.94
		08-31-00-92102	365.95
		09-26-00-82102	153.78
		09-29-00-82702	365.95
		09-31-00-85102	365.95
2023-11-27-E	GAS/ELECTRIC BILLS	08-26-00-62302	44,155.69
		08-26-00-62602	4,720.93
		08-27-00-64202	2,461.74
TOTAL VENDOR WE ENERGIES			<u>65,276.27</u>

VENDOR NAME: WHITE, JEFF

2023-11-SAFETY BOOTS SAFETY BOOTS JEFF WHITE  
TOTAL VENDOR WHITE, JEFF

08-31-00-92602 345.00  
-----  
345.00  
345.00

VENDOR NAME: WI STATE LABORATORY

758510 FLUORIDE SAMPLE  
30022941 LAB CERTIFICATION SUPPLIES  
TOTAL VENDOR WI STATE LABORATORY

08-27-00-64202 28.00  
08-27-00-64202 557.00  
-----  
557.00  
585.00

VENDOR NAME: WILLKOMM EXCAVATING

22101-FINAL FOREST HILL MANOR WATER RELAY  
TOTAL VENDOR WILLKOMM EXCAVATING

08-01-00-22101 18,153.99  
-----  
18,153.99  
18,153.99

VENDOR NAME: WISCONSIN RURAL WATER ASSOCIATION

2023-12-DA-4 JH MN TRAINING  
TOTAL VENDOR WISCONSIN RURAL WATER ASSOCIATION

08-31-00-93002 162.89  
09-31-00-85602 69.81  
-----  
232.70  
232.70

VENDOR NAME: ZIMMER, TARYN

2023-CELL:SEPT-DEC CELL PHONE:SEPT-DEC 2023  
TOTAL VENDOR ZIMMER, TARYN

08-31-00-92602 50.00  
09-31-00-85402 50.00  
-----  
100.00  
100.00

GRAND TOTAL:

-----  
1,533,185.97

## ADMINISTRATIVE OPERATIONS

November 2023

### Workload:

Other administrative tasks included the following:

- Added 6 customer account for the month.
- Billed 3,360 water customers and 3,475 sewer customers.

### Gallons Billed (in thousands):

	YTD 2023	YTD 2022	YTD 2021	YTD 2020	YTD 2019	Average
Residential	393,454	380,290	401,776	393,254	359,481	385,651
Commercial	492,488	464,153	464,153	438,829	424,429	456,810
Industrial	638,235	575,957	495,308	453,804	474,517	527,564
Public Authority	18,547	18,805	14,006	10,375	12,203	14,787
Wholesale	1,248,327	1,150,080	1,174,255	1,131,589	1,066,464	1,154,143
Total	2,791,051	2,589,285	2,549,498	2,427,851	2,337,094	2,538,955
% Change to Prior Year	7.8%	1.6%	5.0%	3.9%	N/A	
% Change to Average	9.9%	2.0%	0.4%	-4.4%	-8.0%	

### New Customers:

	YTD 2023	YTD 2022	YTD 2021	YTD 2020	YTD 2019	Average
Residential	59	28	67	55	25	46.8
Commercial	18	15	7	19	21	16.0
Industrial	0	0	0	1	0	0.2
Public Authority	0	0	0	4	0	0.8
Wholesale	0	0	0	0	0	-
Total	77	43	74	79	46	63.8

# **ENGINEERING OPERATIONS**

November 2023

## **HVAC replacement at WTP**

Clark Dietz submitted the revised design plans with the incorporation of the boiler controls and several of the thermostats not functioning properly. Engineering met with Clark Dietz to go over the plan set. It is anticipated that this project will require PSC approval. Once we have the construction authorization from PSC it would be advertised, and construction would take place in the fall of 2025.

## **S. Howell Avenue Water Relay**

A.W. Oakes is still waiting for parts to be delivered to change out the hydrant stems to stainless steel. We are anticipating the delivery and completion this month. The patch on Howell Avenue was completed.

## **Underground Facilities Rehabilitation**

We met with Jacobs, Franklin, and WDNR to discuss the proposed alternatives for the design. Jacobs will take the information received from the participants in the next month and compile the results for the alternative design.

## **Sanitary Rehabilitation Project**

Globe completed their spot repair work on the rehab project. Visu-Sewer completed the lining, the sanitary sewer, and grouting. We are waiting for 2 spot lining sections to be completed by Visu in December.

## **PLC Replacement Project**

We still have E, D, A, and B cabinets to complete. We have a corrosion issue on the PLC racks that were stored in the cabinets waiting for installation. Next is working with Rockwell on a solution. The project completion will be delayed to 2024.

## **S. 13th Street Hydrant Relocation**

UPI started work on the hydrant relocations along S. 13<sup>th</sup> Street. The water main and lateral dips were completed, and the north hydrants are complete. UPI is coordinating the shutdown with the school to completed the work over Christmas break. The project is anticipated to be completed in December.

## **6th and Marquette Water Relay**

The relay project was not budgeted for construction in 2024 due to the high cost of the relay. The design plans are about 90% complete and raSmith has been directed to stop work on the plans. We have utility conflicts with the proposed north bridge construction. raSmith is reviewing the bridge design and we will resolve the conflicts.

## **Developer projects**

- Broadacre-water and sanitary construction are complete and punch list items remain.
- Oaks at 8100-water and sanitary construction are complete and punch list items remain.
- Hey Day-utility construction began in September.
- The Learning Experience-sanitary and water installed in October.
- MATC-completed.
- Lake Shore Commons-Sanitary riser issues were resolved for the townhouses along Hemlock and Alder.

## **DISTRIBUTION & COLLECTION OPERATIONS**

**November 2023**

### **Water Main Breaks:**

On 11/12/23 crews fixed a leak at 9191 S. 13<sup>th</sup> St. in front of Steinhafels. The very small leak was surfacing about 65' away from the actual location. The repair was made with a clamp.

### **Water Lateral Repairs:**

A lateral was repaired at 10650 S. Sommers Ct. The curb stop was not operational, and they needed to repair a leak inside the home.

A lateral was repaired at 2001 E. Forest Hill Ave. The curb stop was not operational, and they needed to do some plumbing work in the house.

### **Hydrant Repairs/Maintenance:**

Maintenance of broken hydrants continued.

Winterization of hydrants was completed. This is removing the water from hydrants that don't drain or are in a high water table area. They are either pumped out and/or a food grade glycol solution is added.

### **Valve Repairs:**

No valves were repaired in the month of November.

### **Sewer Repairs/Maintenance:**

Crews were able to do some additional cleaning and televising of the sewers.

### **Miscellaneous:**

Manager Allard was appointed Trustee at Large for the Wisconsin Section American Water Works Association (WIAWWA) Board. The term will begin January 1<sup>st</sup>, 2024 and is a two-year term. The Trustee-at-Large is expected to attend all WIAWWA Board meetings and assigned committee meetings for which he serves as Board Liaison. Trustees will represent these committees at Board Meetings. This person is a full voting member of the WIAWWA Board of Trustees.

Michael Nitecki and Jenny Howski (GIS Tech) received their Competent Person certification. This trained them to be able to identify existing and predictable hazards in excavations and hazardous working conditions which are unsanitary or dangerous.

### **Out of Service:**

There are currently four fire hydrants out of service in need of repair. There are currently 36 valves jammed open in need of repair.

### DISTRIBUTION GOALS 2023

JOB DESCRIPTION	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS	GOALS
<b>Meters</b>														
Meter Exchanges	47	57	21	4	2	2	3	214	138	125	23		636	600
Cross Connection Inspections	6	9	12	6	7	7	13	218	147	126	26		577	300
Industrial Inspections	40	16	22	19	21	47	84	75	27	75	21		447	375
<b>Water</b>														
Annual Hydrant Flushing	-	-	-	332	380	53	1,276	1	-	3	2		2,047	2,107
Semi-annual Flushing	-	-	-	18	20	6	59	-	-	102	-		205	2x109 (218)
Quarterly Flushing	29	-	21	5	10	10	38	-	-	52	-		165	4x50 (200)
Flush Emergency Connections	-	-	-	3	-	-	-	-	-	-	-		3	3
Watermain Crossings	36	36	-	-	-	-	-	-	-	-	-		72	63
Operate Valves	-	-	-	-	-	165	473	167	-	1	1		807	1,000
Hydrant Painting	-	-	-	-	19	158	-	57	-	-	-		234	150
Cathodic Protection Tests	-	-	-	-	-	-	-	-	-	-	11		11	11
Check Remote Water Mains	-	-	-	-	-	-	-	-	-	-	24		24	40
<b>Sewer</b>														
Clean Sewers	-	393	15,270	10,562	21,138	22,547	20,128	29,574	11,516	14,884	4,166		150,178	165,000
Camera Sewers	11,217	20,248	18,703	14,675	20,716	19,677	11,060	9,714	6,611	14,705	3,656		150,982	165,000
Check Problem Sewers	99	5	57	47	-	91	17	-	63	49	-		428	309
Check Remote Sewer Mains	-	-	-	-	-	-	-	-	-	-	25		25	51
<b>Admin</b>														
Tier II Report	Done													
MMSD Annual CMOM Report						Done								
DNR eCMAR						Done								
DNR River Crossing Stations										Due				
Cross Connection Survey		Done												

## PLANT OPERATIONS

November 2023

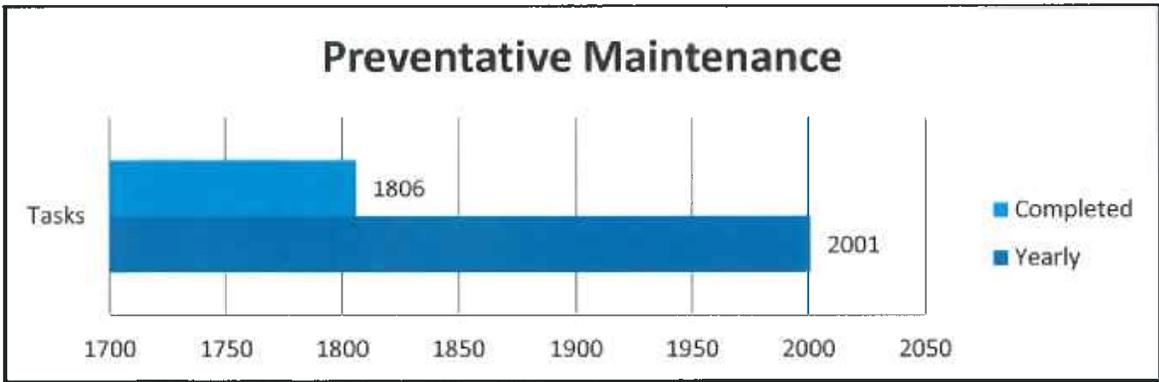
<b>PUMPAGE REPORT</b>	<b>2023</b>	<b>2022</b>	<b>% Change</b>	<b>5 Year %</b>
Monthly Pumpage	242,470,000	225,930,000	+7.3	+8.1
Monthly Average Day	8,082,333	7,531,000	+7.3	+13.1
Monthly Peak Day	(11/30) 9,900,000	(11/02)10,110,000	-2.1	+7.3
Yearly Pumpage	2,966,685,638	2,787,240,000	+6.4	+12.1
Yearly Average Day	8,882,292	8,345,030	+6.4	+12.1
Yearly Peak Day	(5/31)13,860,000	(8/06) 13,400,000	+3.4	+9.7
West Zone Pumpage	96,560,000	97,060,000	-.5	+6.0
West Zone Yearly Total	1,281,830,000	1,196,900,000	+7.1	+8.1

<b>WATER QUALITY REPORT</b>	<b>Raw Water</b>	<b>Finished Water</b>
Average Free Chlorine		1.59 mg/l
Total Chlorine		1.79 mg/l
Average Alkalinity	109.0 mg/l	109.2 mg/l
Average pH	8.4	8.2
Average Fluoride	0.14 mg/l	0.70 mg/l
Average Turbidity	1.43 NTU	0.049 NTU
High Temperature	<b>High 56.6 F Low 43.2 F</b>	
Hardness	120 mg/l	137 mg/l

**Preventative Maintenance Tasks:** Staff completed 168 preventative maintenance tasks and 2 safety sessions during the month.

**Work Orders:** Staff completed 9 work orders. Some of the tasks include installing a flow indicator in the chemical mixing water line, installing isolation valves in the chlorine manifold, re-piping the coagulant feed manifold to add redundancy, and insulating raw water piping.

**Plant:** The shorewell sediment was vacuumed out for the first time in 25+ years. The accumulated sediment was more than what was expected and took an additional day to complete. The plant backwash tower has been taken out of service for the winter to prevent freezing. Progress on the PLC upgrade project was slow during November.



## STAFF REPORT

**Item:** Discussion and recommendations regarding 2024 Road Improvement Project

**Recommendation:** That the Board considers a motion to recommend road improvement projects to be advertised for public bid for construction in 2024 to the Common Council for approval.

**Fiscal Impact:** \$1,000,000 of funding was approved in the 2024 budget.

**Critical Success Factor(s):**

- Active, Vibrant, and Engaged Community
- Financial Stability and Resiliency
- Thoughtful Growth and Prosperous Local Economy
- Clean, Safe, and Welcoming
- Inspired, Aligned, and Proactive City Organization
- Quality Infrastructure, Amenities, and Services
- Not Applicable

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**Background:** All streets in the City are rated every two years using the PASER system. The PASER system assigns a rating from 1 (Failed) to 10 (Excellent) to each street segment based on the severity, frequency, and types of distress observed. Streets were then selected based on PASER condition ratings; functional classification; traffic volumes; and previously received feedback from Department of Public Works, Oak Creek Sewer and Water Utility, and Common Council Members. Engineering's recommendations have been split into two options, Option A and Option B. Option A includes rehabilitation of S. Shepard Ave. from E Fitzsimmons Rd. to Wis. 100 and Option B would instead rehabilitate S. Nicholson Ave. from Old Ryan Rd. to E. Puetz Rd. The remaining streets are included in both options.

Our strategy is to balance maintenance and rehabilitation of streets which are rated 4 to 6 with the need for pavement replacement and reconstruction of streets rated 1 to 3. Maintenance and rehabilitation treatments are less costly than pavement replacement or reconstruction. The recommendations include 1.2 miles of microsurfacing which is a maintenance treatment that was used on Clement Ave. in 2023. This accounts for 62% of the centerline length in Option A and 50% of the centerline length in Option B but is just under 10% of the estimated cost of the recommended streets. Applying maintenance treatments to streets at a higher rating extends the amount of time between reconstructs, reduces the overall life-cycle cost, and maintains these streets at a higher rating for longer. This also allows more miles of streets to be treated each budget cycle.

In addition to the recommendations a list of alternate streets has been provided. The Board may recommend that engineering include streets from the alternates if budget and bid prices allow. Railroad work budgeted and approved in 2023 will be bid and constructed as part of this contract.

**Options/Alternatives:** Option A which includes rehabilitation of S. Shepard Ave. from E. Fitzsimmons Rd. to Wis. 100; Option B which includes rehabilitation of S. Nicholson Ave. from Old Ryan Rd. to E. Puetz Rd.; and the Board may select alternate streets to include if budget and bid prices allow.

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Respectfully submitted:

Prepared:

Andrew J. Vickers, MPA  
City Administrator

Andrew Ledger, PE  
Design Engineer

Fiscal Review:

Approved:

Maxwell Gagin, MPA  
Assistant City Administrator / Comptroller

Matthew J. Sullivan, PE  
City Engineer

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Attachments: 2024 Street Program-Table, 2024 Street Improvements-Overview, 2024 Street Improvements District Maps

### 2024 Street Improvement Recommendations (Option A)

Street Name	From		District	Length (ft)	Functional Classification	Existing Pavement		Proposed Improvement	Cost
	To	To				Type	Rating		
King Arthur Ct.	S. Delaine Dr.	Termini	1	605	Local	Asphalt	3	Reconstruct 4.5" Asphalt over 9" CAB	\$155,000
Forest Hill Ave.	S. Howell Ave.	S. Verdev Dr.	2,6	1637	Collector	Asphalt	8	Microsurfacing	\$19,000
S. Lauree Ln.	E. Stuart Ct.	S. Glenfield Dr.	2	1000	Local	Asphalt	6	Microsurfacing	\$12,000
S. Cecily Dr.	E. Evandale Dr.	Termini	1	881	Local	Asphalt	5,6,7	Microsurfacing	\$11,000
E. Evandale Dr.	S. Verdev Dr.	S. Cecily Dr.	1	581	Local	Asphalt	5	Microsurfacing	\$7,000
E. Puetz Road	Union Pacific Railroad	S. Pennsylvania Ave.	1,4	2340	Minor Arterial	Asphalt	6	Microsurfacing	\$34,000
S. Alisa Ln.	130' N. of E. Lily Dr.	E. Stuart Dr.	2	637	Local	Asphalt	4	Mill and Overlay (2.25")	\$65,000
Shepard Ave.	E. Fitzsimmons Rd.	W/S 100	3,5	2640	Collector	Asphalt	4,5	Pulverize 3" HMA Pavement, Place 5.5" HMA	\$581,000
<b>TOTAL OPTION A (PASER ROADS)</b>									<b>\$884,000</b>

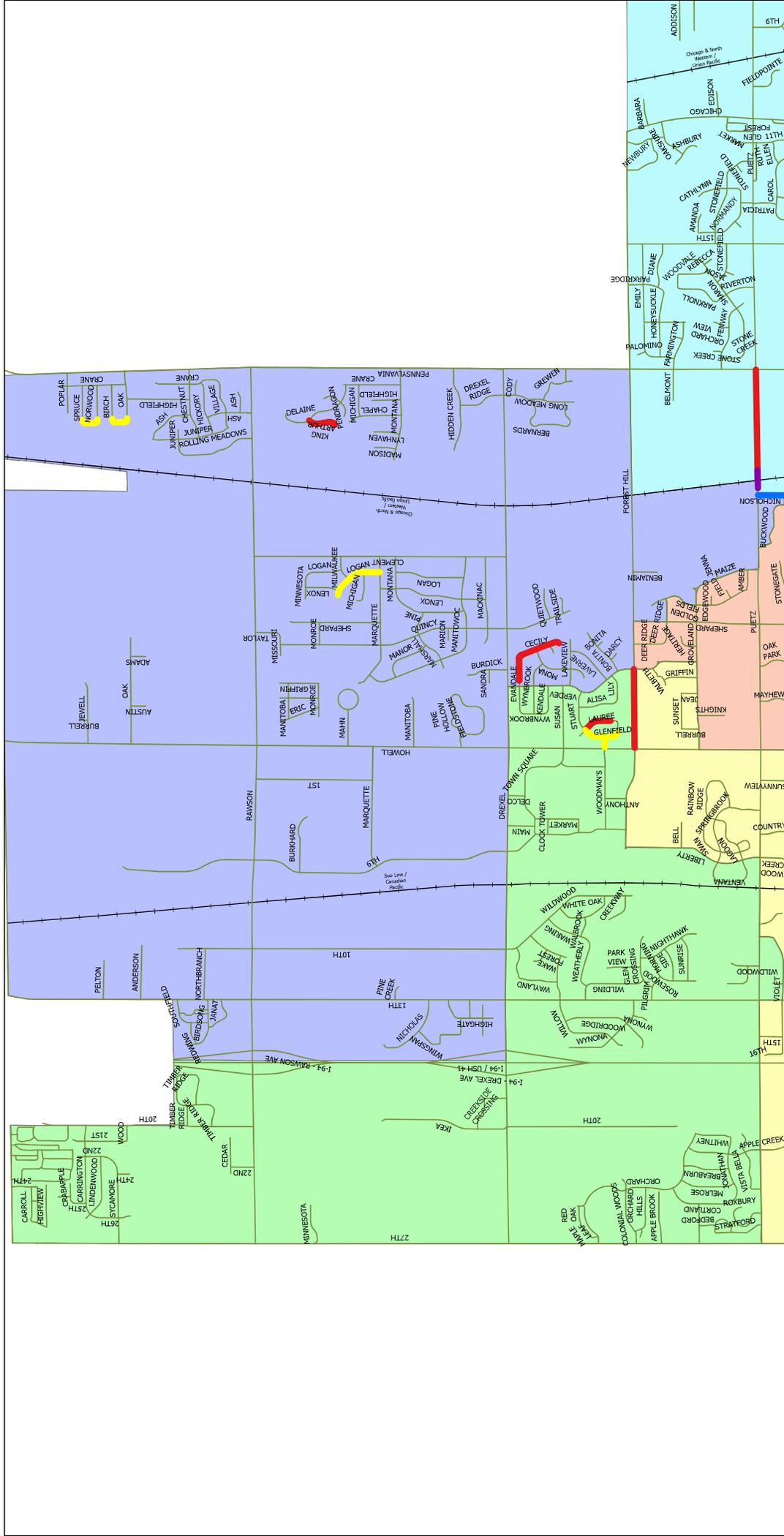
### 2024 Street Improvement Recommendations (Option B)

Street Name	From		District	Length (ft)	Functional Classification	Existing Pavement		Proposed Improvement	Cost
	To	To				Type	Rating		
King Arthur Ct.	S. Delaine Dr.	Termini	1	605	Local	Asphalt	3	Reconstruct 4.5" Asphalt over 9" CAB	\$155,000
Forest Hill Ave.	S. Howell Ave.	S. Verdev Dr.	2,6	1637	Collector	Asphalt	8	Microsurfacing	\$19,000
S. Lauree Ln.	E. Stuart Ct.	S. Glenfield Dr.	2	1000	Local	Asphalt	6	Microsurfacing	\$12,000
S. Cecily Dr.	E. Evandale Dr.	Termini	1	881	Local	Asphalt	5,6,7	Microsurfacing	\$11,000
E. Evandale Dr.	S. Verdev Dr.	S. Cecily Dr.	1	581	Local	Asphalt	5	Microsurfacing	\$7,000
E. Puetz Road	Union Pacific Railroad	S. Pennsylvania Ave.	1,4	2340	Minor Arterial	Asphalt	6	Microsurfacing	\$34,000
S. Alisa Ln.	130' N. of E. Lily Dr.	E. Stuart Dr.	2	637	Local	Asphalt	4	Mill and Overlay (2.25")	\$65,000
S. Nicholson Rd	Old Ryan Road	Puetz Rd.	1, 3 & 4	5250	Collector	Asphalt	4,5,6	Mill 3.5", Pulverize 1.5" and Overlay 4"	\$585,000
<b>TOTAL OPTION B (PASER ROADS)</b>									<b>\$888,000</b>

### 2024 Street Improvement Alternates

Street Name	From		District	Length	Functional Classification	Existing Pavement		Proposed Improvement	Cost
	To	To				Type	Rating		
S. Glenfield Dr.	Termini	S. Lauree Ln.	2	739	Local	Asphalt	4	Mill and Overlay (2.25")	\$158,000
Oakfield Dr.	S. Howell Ave.	S. Glenfield Dr.	2	294	Local	Asphalt	4	Mill and Overlay (2.25")	\$44,000
E. Jennifer Ln.	S. Cindy Ln.	S. Jennifer Ln.	5	317	Local	Concrete	4	3" HMA Overlay	\$78,000
S. Jennifer Ln.	E. Jennifer Ln.	E. Cindy Ln.	5	581	Local	Concrete	5	3" HMA Overlay	\$112,000
S. Logan Ave.	E. Marquette Ave.	E. Milwaukee Ave.	1	686	Local	Concrete	4,5	3" HMA Overlay	\$187,000
E. Milwaukee Ave.	Termini	S. Logan Ave.	1	422	Local	Concrete	4,5	3" HMA Overlay	\$113,000
E. Elm Rd.	S. Nicholson Rd.	10th Ave	4 & 5	7920	Collector	Asphalt	4,5	Mill and Overlay (2")	\$606,000
N/S Street	E. Oak Dr.	E. Birch Dr.	1	400	Local	Concrete	4	Reconstruct (4.5" Asphalt over 9" Base)	\$268,000
N/S Street	E. Spruce Dr.	E. Norwood Dr.	1	400	Local	Concrete	4	Reconstruct (4.5" Asphalt over 9" Base)	\$244,000





**Legend**

- |   |   |
|---|---|
| <b>2024 IMPROVEMENT PROJECT</b>                                     | <b>ALDERMANIC DISTRICT</b>  |
| <span style="color: green;">█</span> 2024 OPTION A                  | <span style="background-color: #ADD8E6; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> 1 |
| <span style="color: red;">█</span> 2024 OPTION A/B                  | <span style="background-color: #90EE90; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> 2 |
| <span style="color: blue;">█</span> 2024 OPTION B                   | <span style="background-color: #FFDAB9; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> 3 |
| <span style="color: purple;">█</span> RAILROAD CROSSING IMPROVEMENT | <span style="background-color: #FFB6C1; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> 4 |
| <span style="color: yellow;">█</span> 2024 ALTERNATE                | <span style="background-color: #FFFACD; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> 5 |
|   | <span style="background-color: #FFFFE0; border: 1px solid black; display: inline-block; width: 15px; height: 15px;"></span> 6 |

# 2024 STREET IMPROVEMENTS DISTRICTS 1 & 2





**Legend**

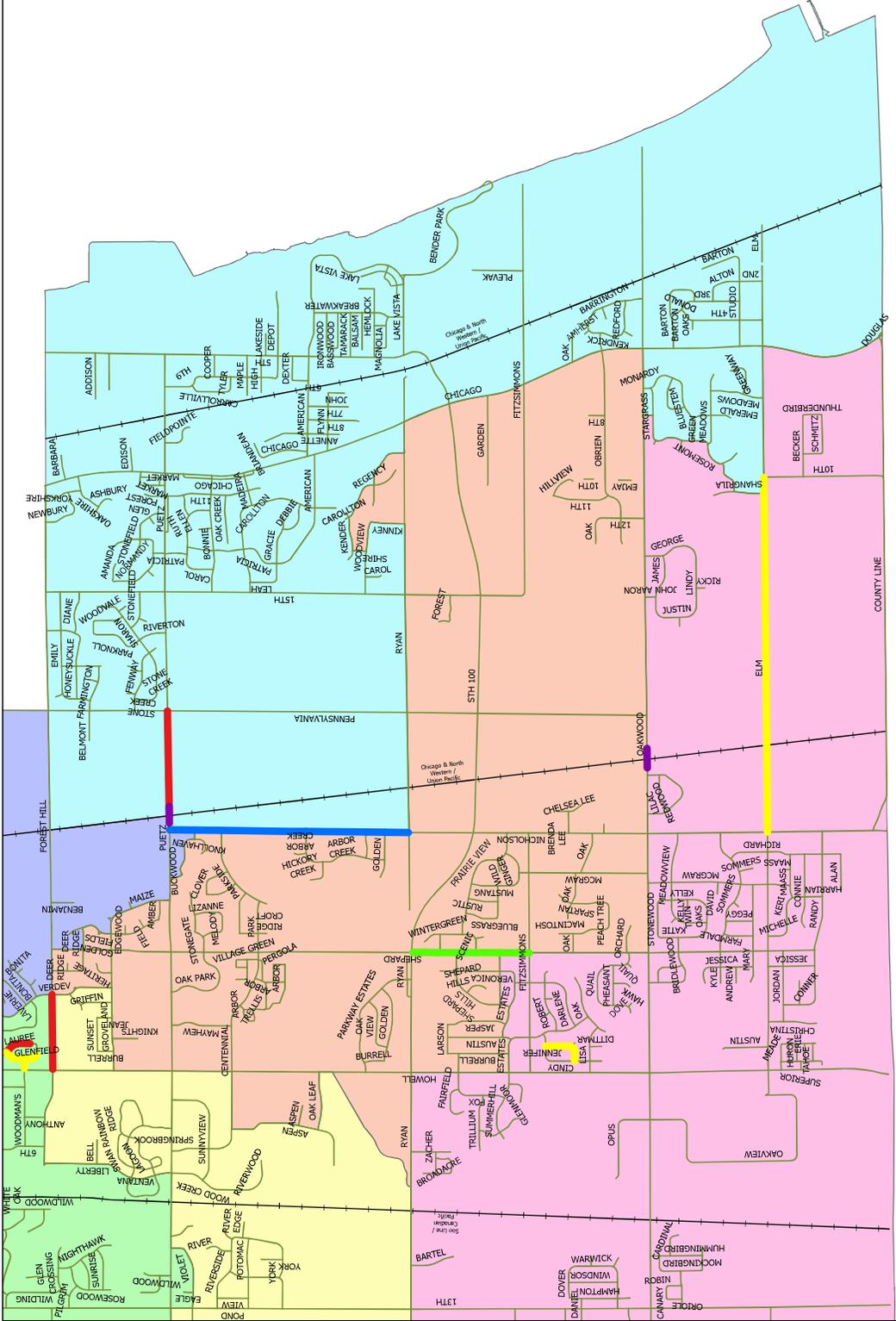
**ALDERMANIC DISTRICT**

- 1
- 2
- 3
- 4
- 5
- 6

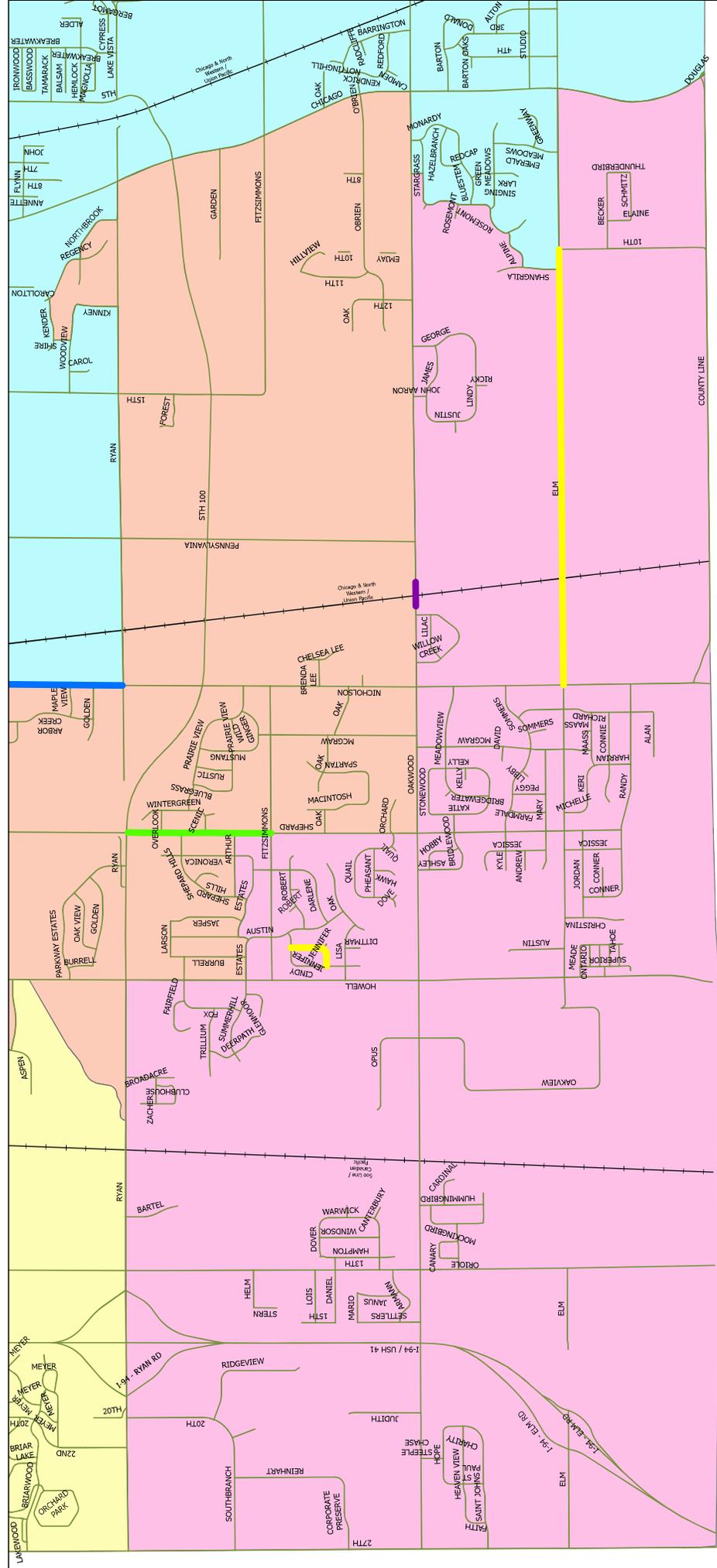
**2024 IMPROVEMENT PROJECT**

- 2024 OPTION A
- 2024 OPTION A/B
- 2024 OPTION B
- RAILROAD CROSSING IMPROVEMENT
- 2024 ALTERNATE

# 2024 STREET IMPROVEMENTS DISTRICT 4



# 2024 STREET IMPROVEMENTS DISTRICT 5



**Legend**

**2024 IMPROVEMENT PROJECT**

- █ 2024 OPTION A
- █ 2024 OPTION A/B
- █ 2024 OPTION B
- █ RAILROAD CROSSING IMPROVEMENT
- █ 2024 ALTERNATE

**ALDERMANIC DISTRICT**

- █ 1
- █ 2
- █ 3
- █ 4
- █ 5
- █ 6





## MONTHLY DEPARTMENTAL REPORT – December 2023

### WATER & SEWER UTILITY – Mike Sullivan

- Work on the hydrant relocation project on 13<sup>th</sup> Street has begun and will continue in December. The project will require several water main shutdowns and the coordination is taking place with the adjacent property owners;
- Work on other 2024 CIP items is beginning early to avoid anticipated lengthy material availability times;
- The treatment plant HVAC project 95% design complete meeting is scheduled for early December. The plans are ready to submit to the PSC for construction authorization. This process is expected to take between 3 and 6 months;
- Six alternatives are being evaluated to address the items surrounding the buried chlorine contact tank. The estimate costs range from \$30 - \$40 million. Each alternative will be reviewed and ranked in early December, and a preferred alternative will move forward to the design phase in January. The design must be complete before the project can be submitted to the PSC for construction authorization;
- Another cell tower lease amendment will be before the Common Council in December. This amendment is with AT&T on the Howell Avenue water tower and raises the rent to \$77,000 per year.

### PUBLIC WORKS – Matt Trebatoski

- Parks crews completed the installation of the new sand volleyball court in Willow Heights Park. The project consisted of tree removal and pruning, ground excavation, installation of drain tile, 264 tons of sand, two posts, and site restoration;
- In December, we will be conducting interviews to fill up to five open positions, due to retirements, resignations, and a Department transfer;
- Streets crews will be installing snow fences in various locations to help mitigate snow drift. They will also be clearing any nuisance beaver dams in area creeks and ditches where water is backing up, and removing fallen trees in drainage ways;
- We will be finishing up installing holiday decorations and helping setup for the Light the Square event;

- Fleet staff will continue to work on general preventative maintenance, pre-wet and spreader calibration, and preparation of the fleet for winter operations;
- Parks will be cleaning pavilions for rental, tree and brush trimming, trash pick-up, and snow removal, as needed;
- Forestry crews will be focused on catching up on tree pruning and working on ground clearance and sprouts. They will also begin winter tree removals and continue normal DTS maintenance;
- The Street Lights division will be trouble shooting and repairing fixtures due to knockdowns and/or malfunction.

## ENGINEERING/INSPECTION -MATTHEW J. SULLIVAN

- Developer Project Updates
  - Lakeshore Commons continues with Single Family, Multi-Family, North Townhomes, and Clubhouse construction. Occupancy of the A9 multi-family building (north building) is anticipated by early December. The speed tables along Lake Vista Blvd. were completed in November;-
  - The Oaks at 8100 (Multi-Family Development on S. 27<sup>th</sup> Street) continues to progress with vertical construction on several buildings. Four multifamily buildings remain under construction with occupancies anticipated to start this winter. The final stage of construction of the public roadway will begin in fall 2024 to not damage the pavement while constructing the remaining multifamily buildings;
  - Broadacre development (441 W. Ryan Road) continues to progress with the remaining three buildings working through various stages of construction (rough to finals);
  - The Avid Hotel (9293 S. 13<sup>th</sup> Street) completed utilities, rough framing, and the roofing system. There is currently a Stop Work Order on the property;
  - Majority of the exterior work, including parking lot paving and landscaping, for the spec building at 7350 S. 13<sup>th</sup> Street (Briohn Co.) was completed in November with the interior work continuing;
  - Heyday Development (Puetz Road) continues to construct utilities and grading of the site. Paving of the public roadway is anticipated to begin in late November;
  - The Learning Experience (150 W. Forest Hill) began vertical construction in November. The parking lot is under construction with the binder layer of asphalt to be completed in late November. Site utilities continue to be worked on with anticipated completion in December;
- Design/Construction Updates
  - Bluff stabilization/revetment continues to progress on schedule;
  - Demolition of the Peter Cooper Vat House was completed in November;
  - The 2023 Paving Project is completed with punch list items being completed in November;
  - The PPII project in Rowen Estates was able to complete a significant amount of the “wet” televising of the laterals. Weather has not been cooperative to finish the “wet” televising so there will be a final decision in December on the completion date (wet or dry) of the televising of

laterals. This will allow designers to complete the plans and specification for a 2024 construction project;

- Engineering received bids in November for the construction of the Abendschein Park Entrance and Parking Lot Improvements and the Common Council awarded the project to the lowest responsible bidder. Construction is scheduled for the 2024 construction season;
- Engineering staff will bring forward recommendations for the 2024 Paving Project to BOPWACA and Common Council in December;
- Engineering staff continue to work on numerous design projects (PPII – Rowen Estates, 2024 Paving Project, Fire Station #3 Parking Lot, and Police Station Parking Lot).
- Inspection Updates
  - Inspection Department staff continue to review building permits and perform inspections for several developments and residential, industrial, and commercial alterations as development of the City steadily continues.
- Employment Opportunities
  - Engineering will be posting for the positions of Engineering Technician I & II and Civil Engineer in late November with a closing of December 22<sup>nd</sup>. If there are qualified candidates, it is anticipated that these positions will be filled in early 2024.